

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020222\
 Data File : VW024536.D
 Acq On : 02 Feb 2022 19:44
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 03 06:27:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 03 05:56:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	349432	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	319474	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	148019	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	119001	47.958	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.920%
7) Chloroethane-d5	1.568	69	101174	46.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.560%
11) 1,1-Dichloroethene-d2	2.108	63	250949	50.762	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.520%
21) 2-Butanone-d5	3.902	46	169632	103.359	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.360%
24) Chloroform-d	4.349	84	226657	49.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.480%
26) 1,2-Dichloroethane-d4	5.031	65	144488	49.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.340%
32) Benzene-d6	5.050	84	440956	48.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.080%
36) 1,2-Dichloropropane-d6	6.069	67	142149	49.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.320%
41) Toluene-d8	7.314	98	400380	47.892	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.780%
43) trans-1,3-Dichloroprop...	7.619	79	73300	48.170	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.340%
47) 2-Hexanone-d5	8.088	63	134010	109.111	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.110%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	175251	50.551	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.100%
66) 1,2-Dichlorobenzene-d4	11.622	152	138990	49.630	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	132009	51.099	ug/L	98
3) Chloromethane	1.240	50	140047	54.377	ug/L	100
5) Vinyl chloride	1.311	62	149151	54.509	ug/L	97
6) Bromomethane	1.523	94	90272	53.595	ug/L	98
8) Chloroethane	1.584	64	94917	50.851	ug/L	98
9) Trichlorofluoromethane	1.754	101	209062	51.532	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	117020	54.448	ug/L	98
12) 1,1-Dichloroethene	2.118	96	113783	55.032	ug/L	99
13) Acetone	2.201	43	143669	83.272	ug/L	61
14) Carbon disulfide	2.291	76	301631	52.609	ug/L	99
15) Methyl Acetate	2.439	43	113501	49.661	ug/L	97
16) Methylene chloride	2.507	84	120593	52.803	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	111587	52.776	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	396151	53.652	ug/L	100
19) 1,1-Dichloroethane	3.188	63	219077	53.455	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	125661	52.648	ug/L	97
22) 2-Butanone	3.989	43	185984	95.732	ug/L	91
23) Bromochloromethane	4.249	128	60297	52.497	ug/L	99
25) Chloroform	4.375	83	226111	53.020	ug/L	99

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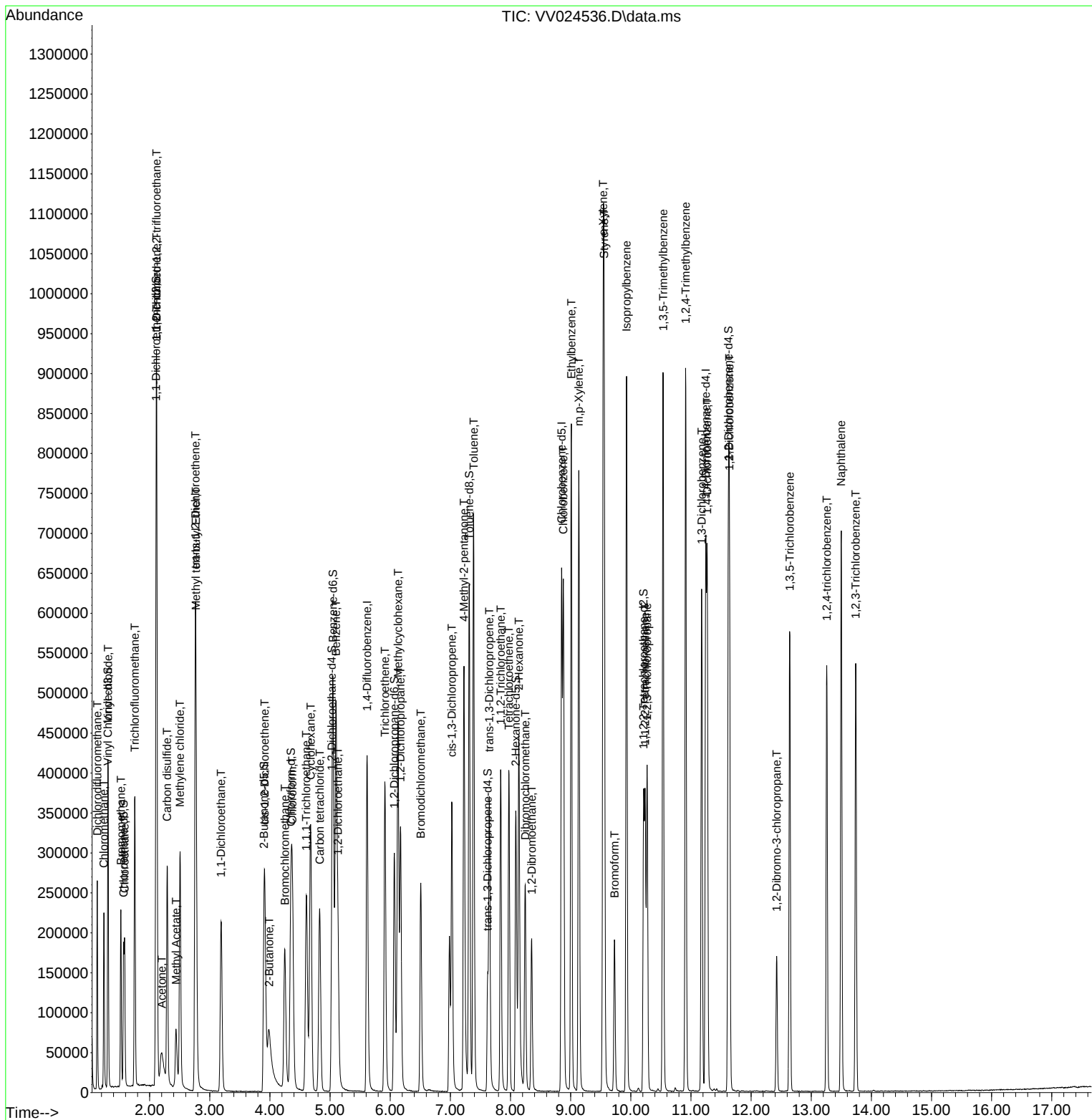
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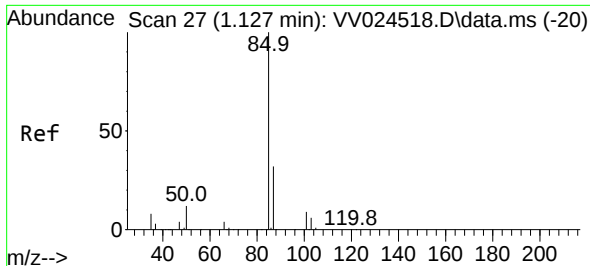
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	172295	51.541	ug/L	99
29) Cyclohexane	4.677	56	190452	51.074	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	200041	52.364	ug/L	100
31) Carbon tetrachloride	4.828	117	165904	52.587	ug/L	100
33) Benzene	5.098	78	482338	53.063	ug/L	100
34) Trichloroethene	5.912	95	132658	51.798	ug/L	98
35) Methylcyclohexane	6.130	83	197058	50.995	ug/L	99
37) 1,2-Dichloropropane	6.172	63	123170	51.389	ug/L	100
38) Bromodichloromethane	6.510	83	175233	52.148	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	204166	51.896	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	380154	113.244	ug/L	98
42) Toluene	7.387	91	511028	52.476	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	201613	52.769	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	120466	52.573	ug/L	99
46) Tetrachloroethene	7.976	164	78620	51.670	ug/L	97
48) 2-Hexanone	8.140	43	301038	105.436	ug/L	99
49) Dibromochloromethane	8.246	129	126895	52.467	ug/L	100
50) 1,2-Dibromoethane	8.352	107	127970	53.706	ug/L	100
51) Chlorobenzene	8.879	112	317546	52.250	ug/L	98
52) Ethylbenzene	9.011	91	559699	51.935	ug/L	98
53) m,p-Xylene	9.137	106	209607	51.979	ug/L	98
54) o-Xylene	9.542	106	209395	51.996	ug/L	100
55) Styrene	9.558	104	357986	52.507	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	175400	53.456	ug/L	97
59) Bromoform	9.731	173	77360	54.150	ug/L	100
60) Isopropylbenzene	9.931	105	557097	52.704	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	159846	54.400	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	473524	52.460	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	477660	52.581	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	226997	52.516	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	226903	51.828	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	227289	52.599	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	43613	56.320	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	150124	52.372	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	137121	53.687	ug/L	97
71) Naphthalene	13.500	128	513658	54.857	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	137006	54.915	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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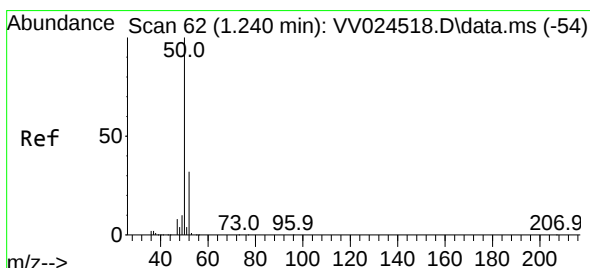
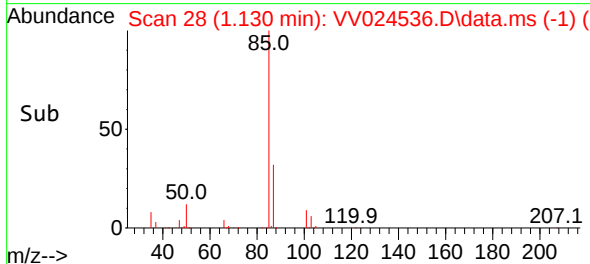
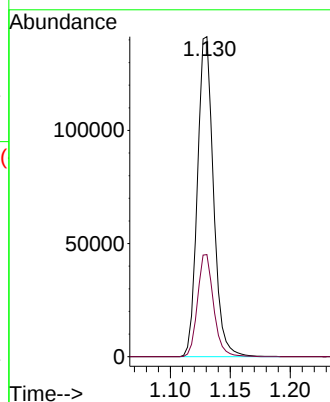
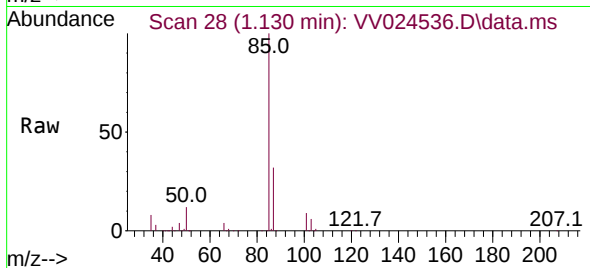




#2
 Dichlorodifluoromethane
 Concen: 51.099 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV024536.D
 Acq: 02 Feb 2022 19:44

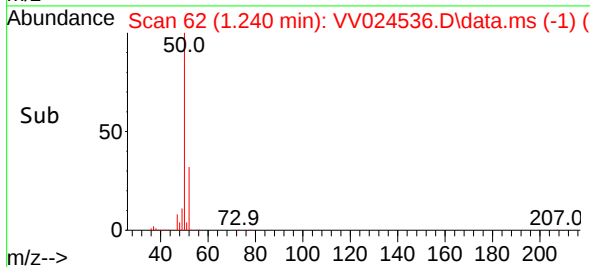
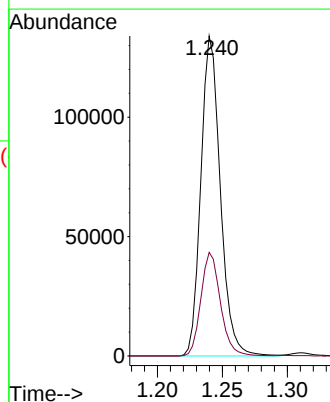
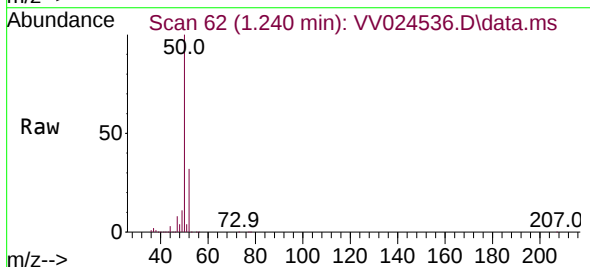
Instrument :
 MSVOA_V
 ClientSampleId :

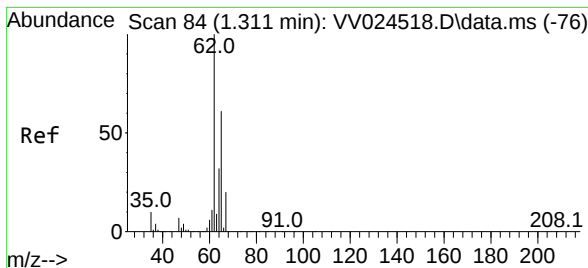
Tgt Ion: 85 Resp: 132009
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.2 39.4



#3
 Chloromethane
 Concen: 54.377 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024536.D
 Acq: 02 Feb 2022 19:44

Tgt Ion: 50 Resp: 140047
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.5 41.7





#5

Vinyl chloride

Concen: 54.509 ug/L

RT: 1.311 min Scan# 84

Delta R.T. -0.000 min

Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

Instrument :

MSVOA_V

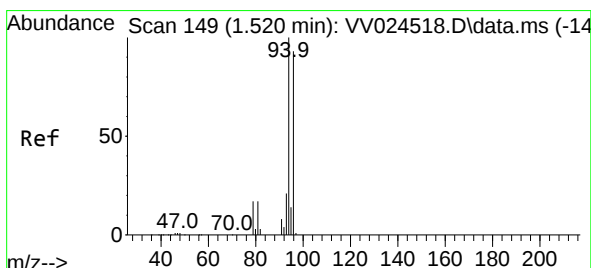
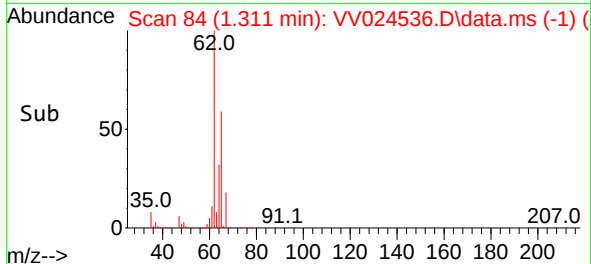
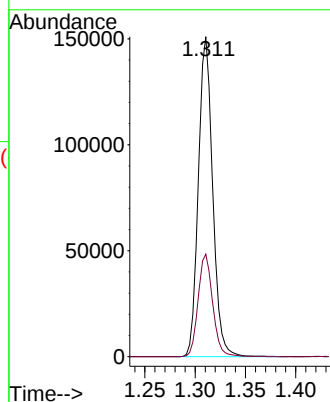
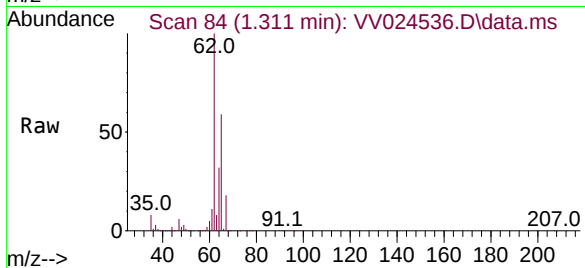
ClientSampleId :

Tgt Ion: 62 Resp: 149151

Ion Ratio Lower Upper

62 100

64 32.1 23.4 43.6



#6

Bromomethane

Concen: 53.595 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.003 min

Lab File: VV024536.D

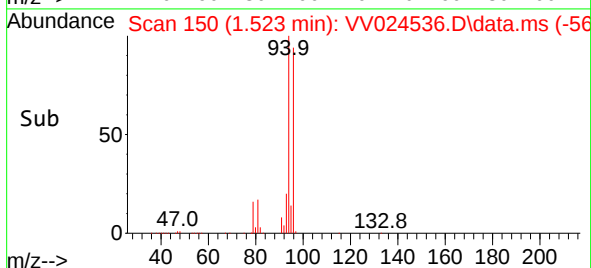
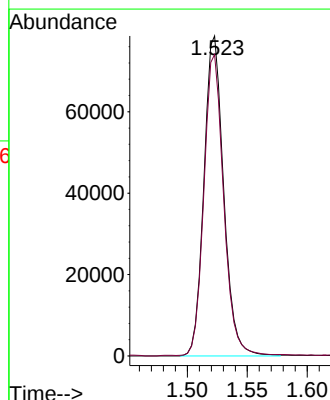
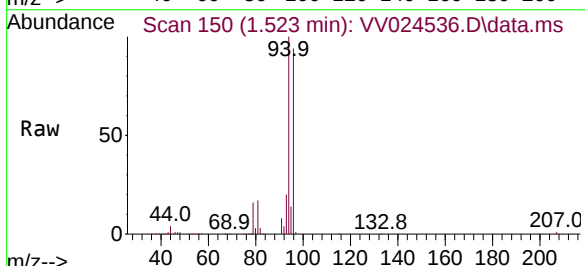
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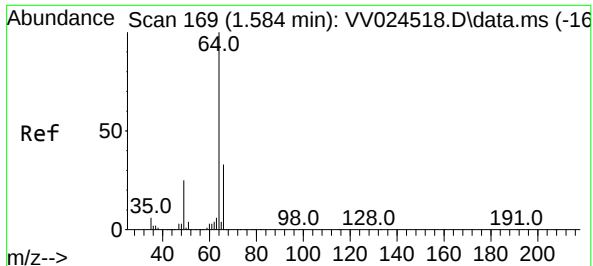
Tgt Ion: 94 Resp: 90272

Ion Ratio Lower Upper

94 100

96 94.2 67.0 124.4

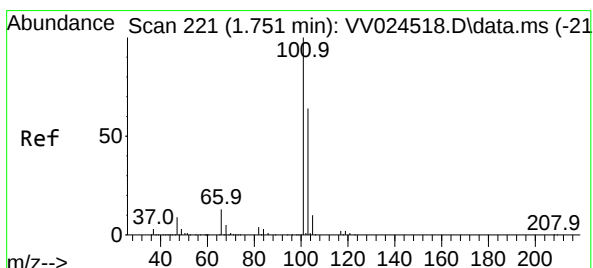
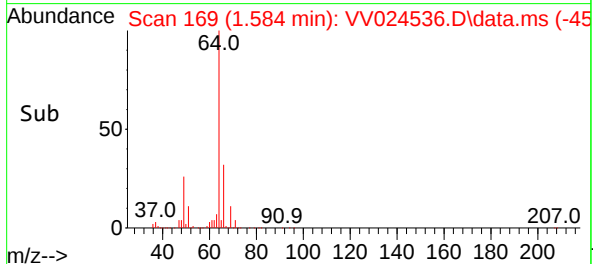
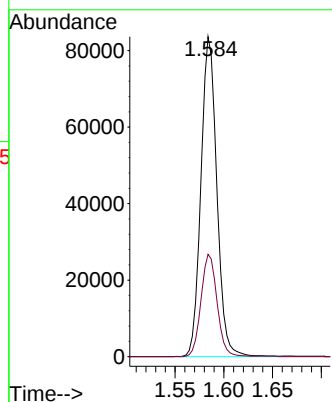
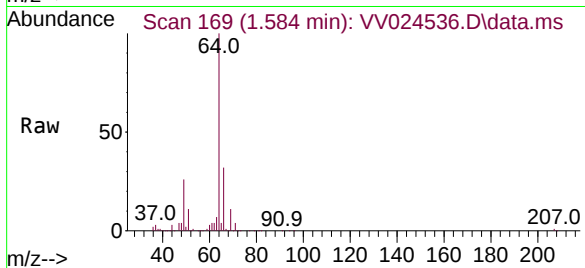




#8
Chloroethane
Concen: 50.851 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

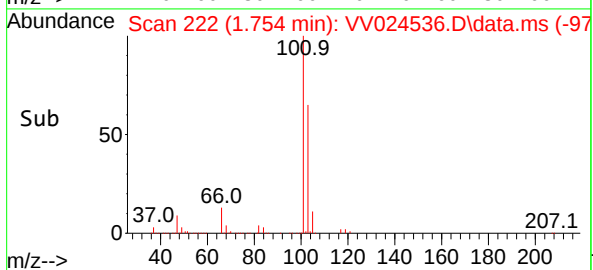
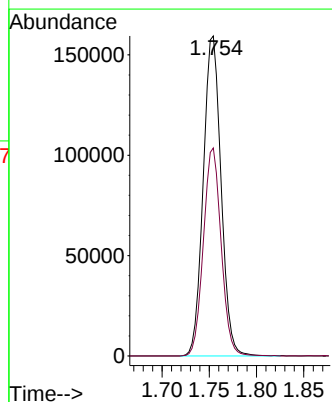
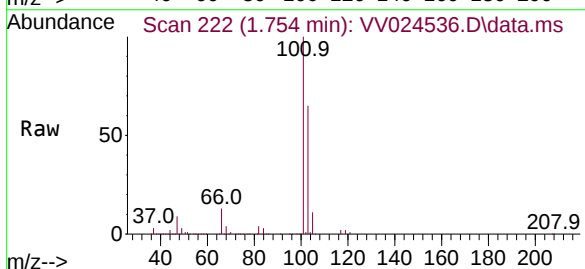
Instrument :
MSVOA_V
ClientSampleId :

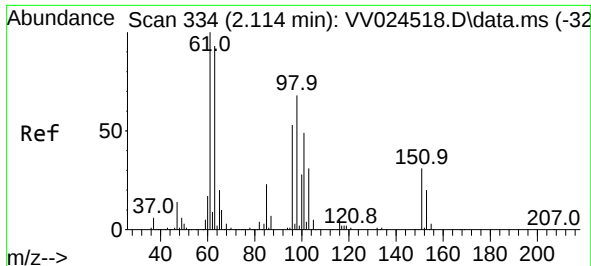
Tgt Ion: 64 Resp: 94917
Ion Ratio Lower Upper
64 100
66 32.0 23.0 42.8



#9
Trichlorofluoromethane
Concen: 51.532 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

Tgt Ion:101 Resp: 209062
Ion Ratio Lower Upper
101 100
103 64.7 51.7 77.5

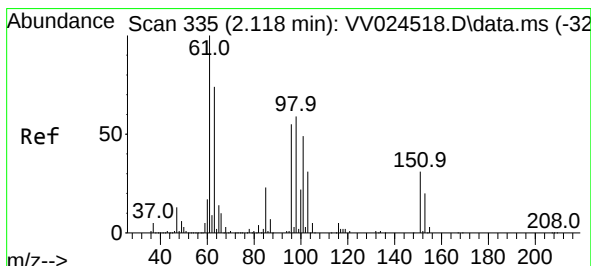
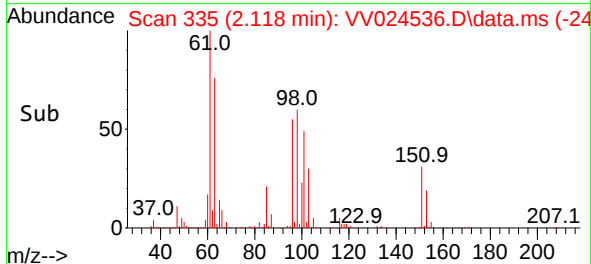
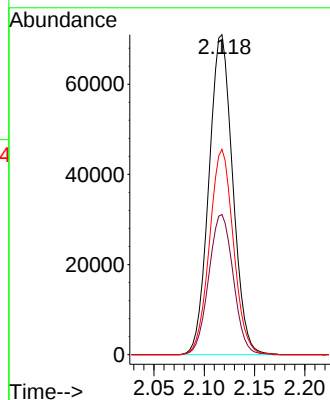
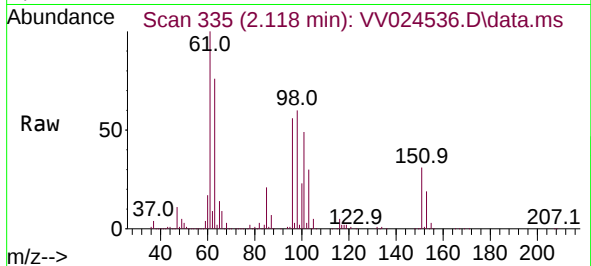




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 54.448 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

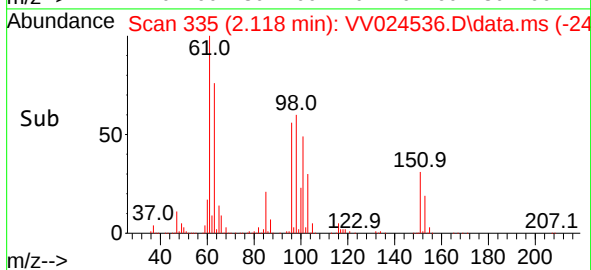
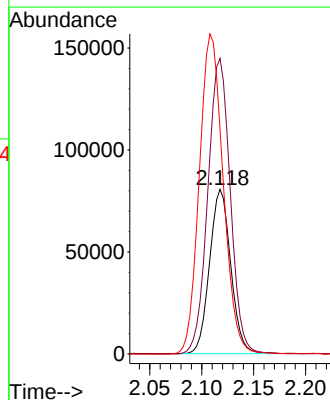
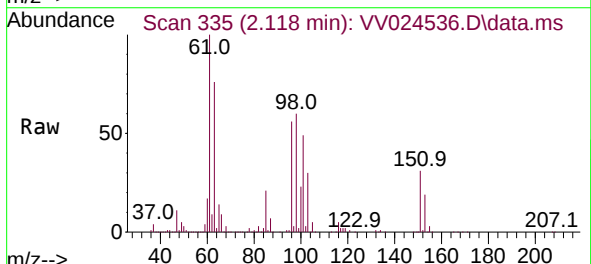
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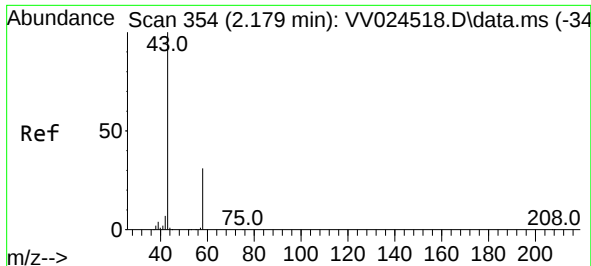
Tgt Ion:101 Resp: 117020
Ion Ratio Lower Upper
101 100
85 45.2 37.3 55.9
151 64.7 50.8 76.2



#12
1,1-Dichloroethene
Concen: 55.032 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

Tgt Ion: 96 Resp: 113783
Ion Ratio Lower Upper
96 100
61 179.5 127.1 236.1
63 136.3 94.5 175.5





#13

Acetone

Concen: 83.272 ug/L

RT: 2.201 min Scan# 3

Delta R.T. 0.022 min

Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

Instrument :

MSVOA_V

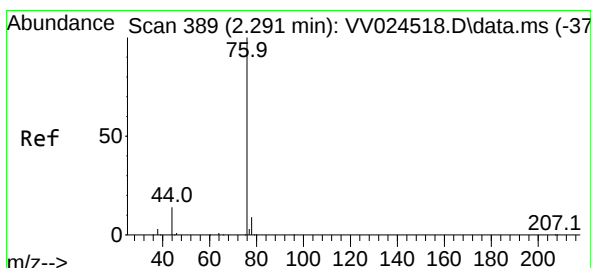
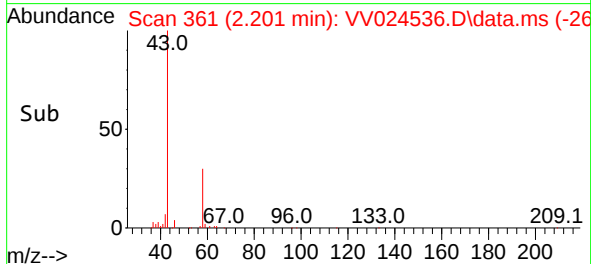
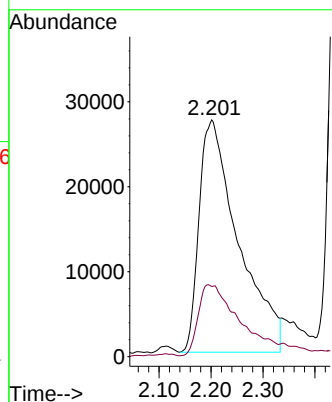
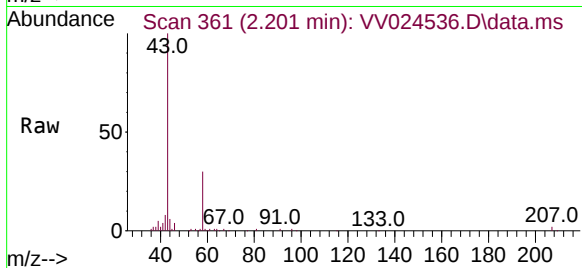
ClientSampleId :

Tgt Ion: 43 Resp: 143669

Ion Ratio Lower Upper

43 100

58 10.5 0.0 65.0



#14

Carbon disulfide

Concen: 52.609 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV024536.D

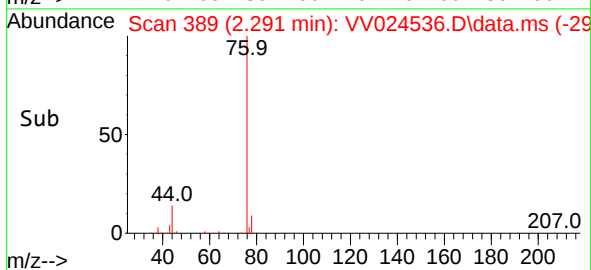
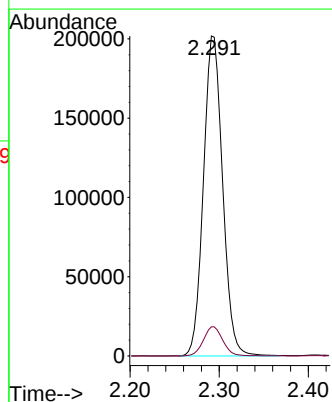
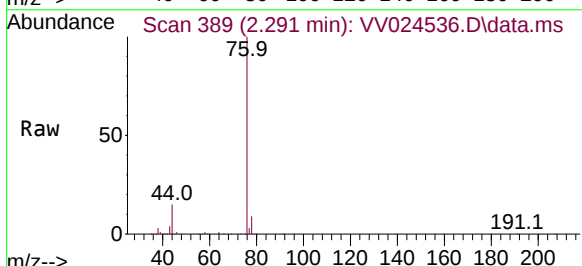
Acq: 02 Feb 2022 19:44

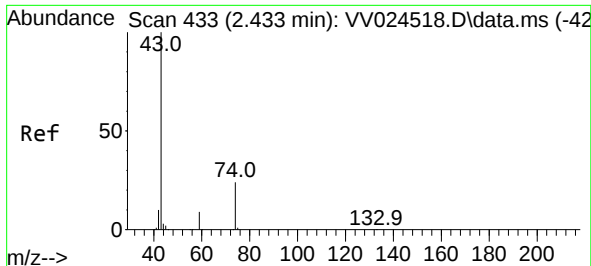
Tgt Ion: 76 Resp: 301631

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

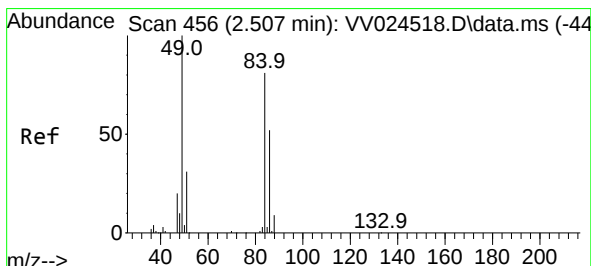
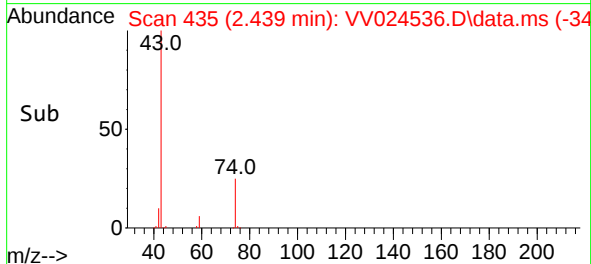
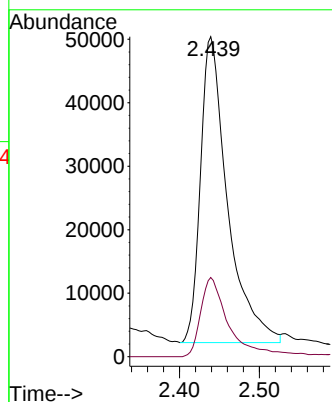
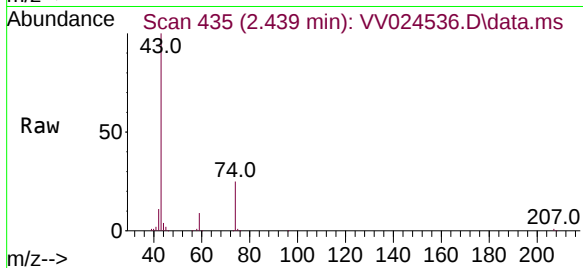




#15
Methyl Acetate
Concen: 49.661 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

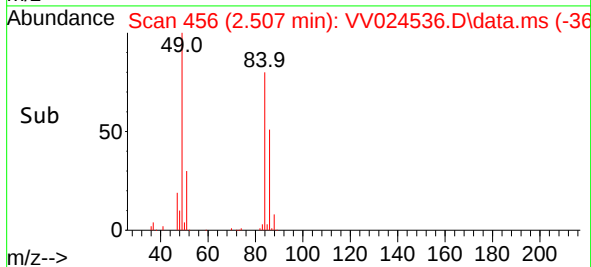
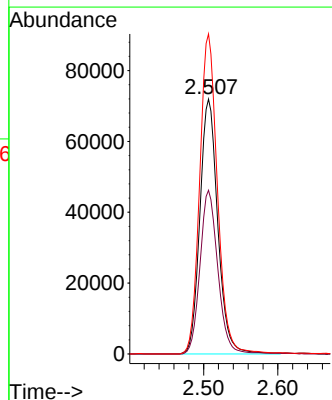
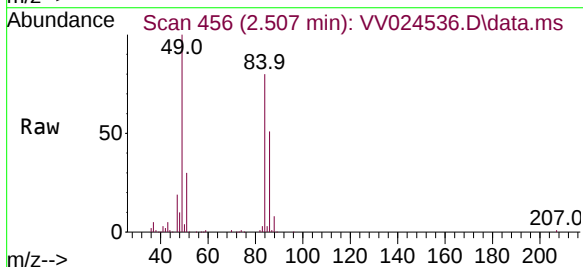
Instrument :
MSVOA_V
ClientSampleId :

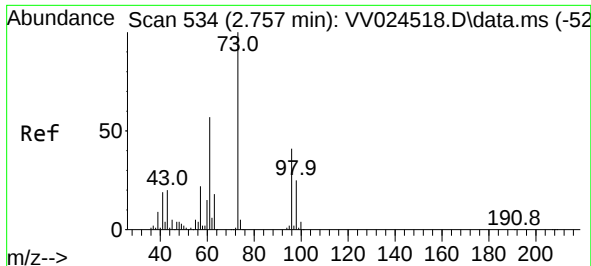
Tgt Ion: 43 Resp: 113501
Ion Ratio Lower Upper
43 100
74 26.0 19.7 29.5



#16
Methylene chloride
Concen: 52.803 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

Tgt Ion: 84 Resp: 120593
Ion Ratio Lower Upper
84 100
86 64.2 45.5 84.5
49 125.6 87.0 161.6

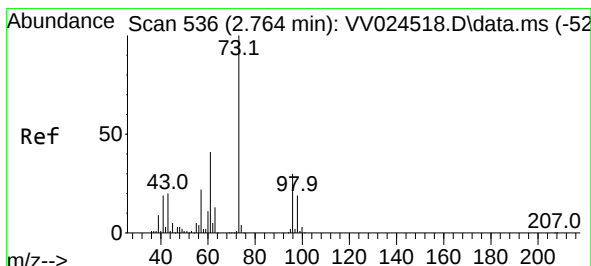
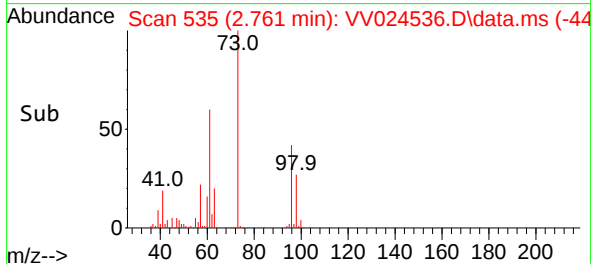
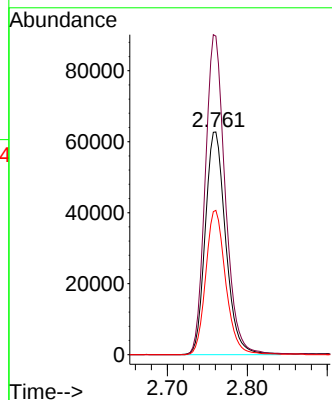
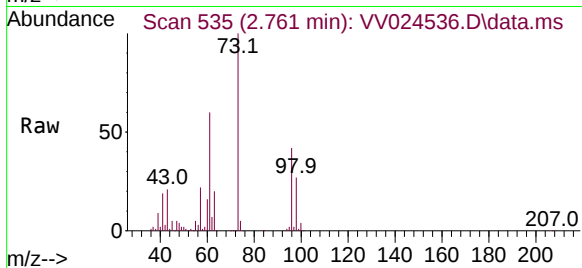




#17
trans-1,2-Dichloroethene
Concen: 52.776 ug/L
RT: 2.761 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

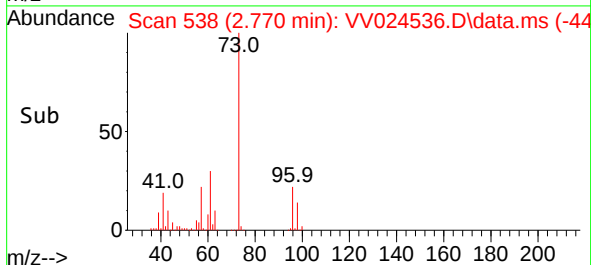
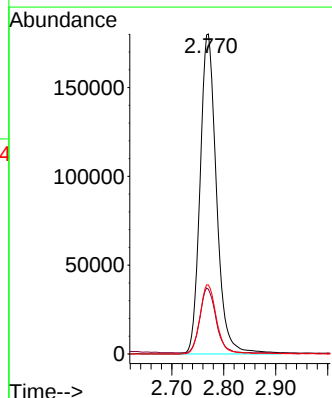
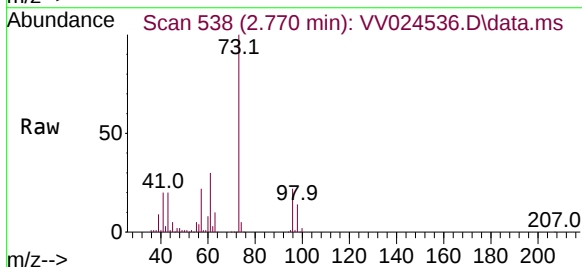
Instrument :
MSVOA_V
ClientSampleId :

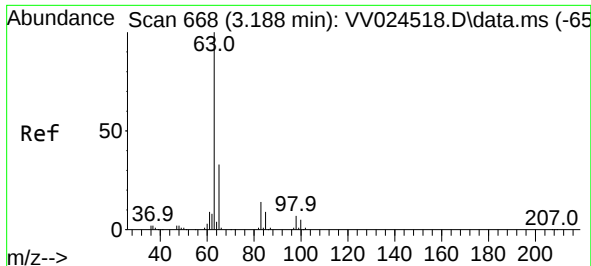
Tgt Ion: 96 Resp: 111587
Ion Ratio Lower Upper
96 100
61 143.0 98.2 182.4
98 64.8 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 53.652 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

Tgt Ion: 73 Resp: 396151
Ion Ratio Lower Upper
73 100
43 19.8 16.0 24.0
57 21.7 17.2 25.8





#19

1,1-Dichloroethane

Concen: 53.455 ug/L

RT: 3.188 min Scan# 61

Delta R.T. -0.000 min

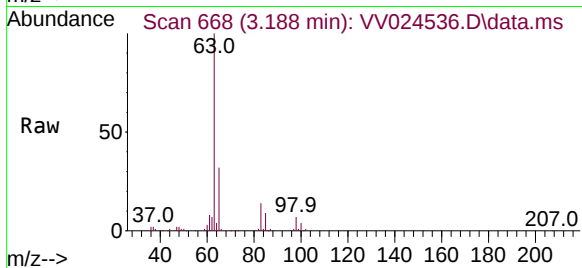
Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

Instrument :

MSVOA_V

ClientSampleId :



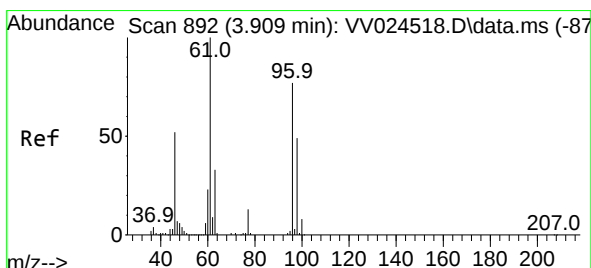
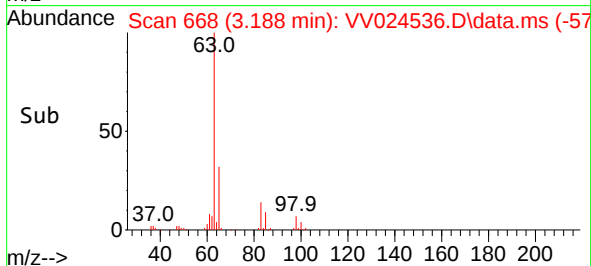
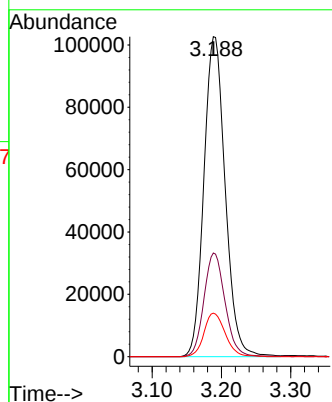
Tgt Ion: 63 Resp: 219077

Ion Ratio Lower Upper

63 100

65 32.4 22.2 41.2

83 13.6 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 52.648 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

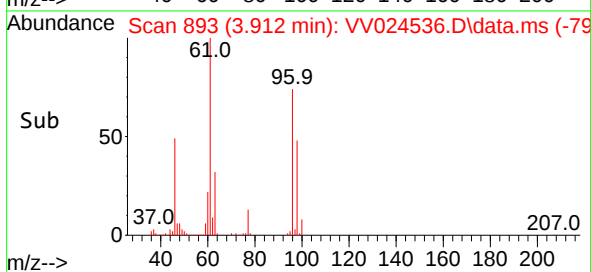
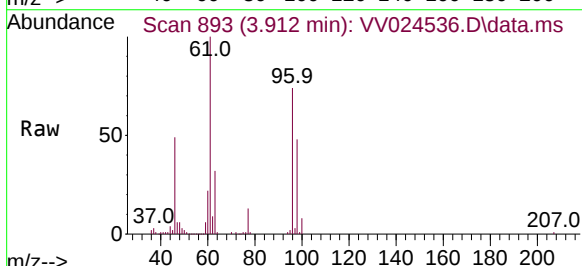
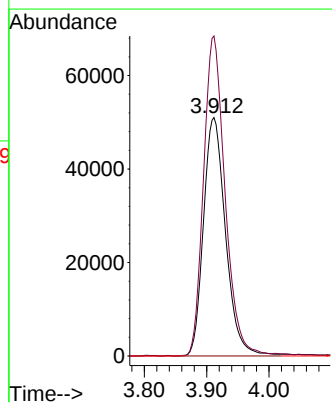
Tgt Ion: 96 Resp: 125661

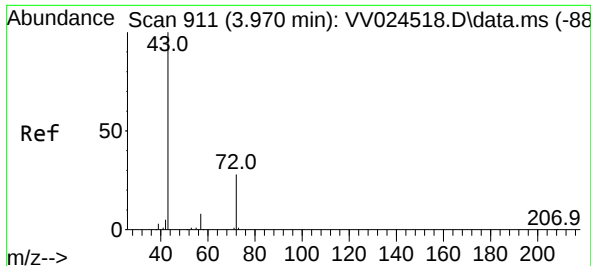
Ion Ratio Lower Upper

96 100

61 134.3 91.5 169.9

68 0.0 0.0 0.0

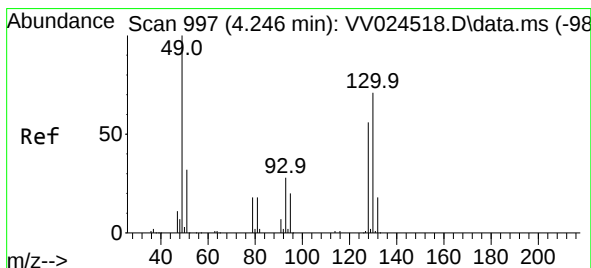
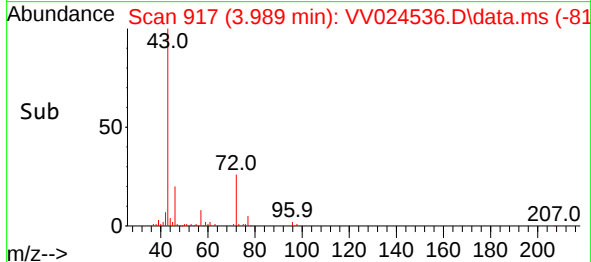
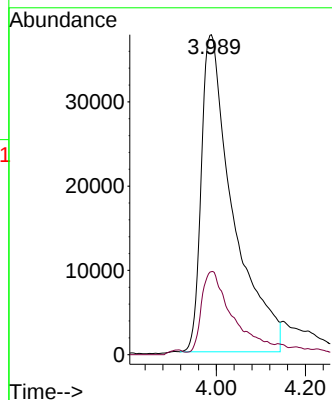
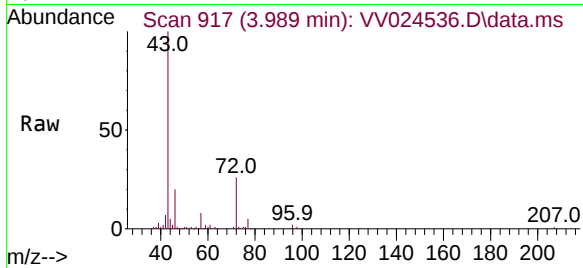




#22
2-Butanone
Concen: 95.732 ug/L
RT: 3.989 min Scan# 911
Delta R.T. 0.019 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

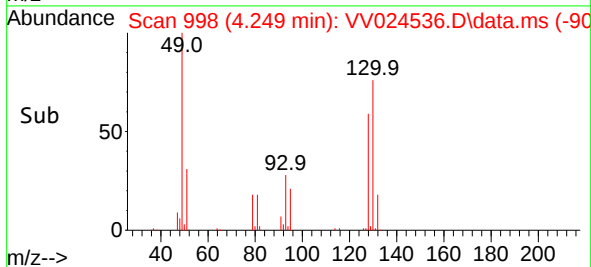
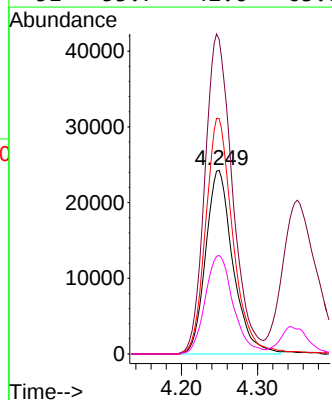
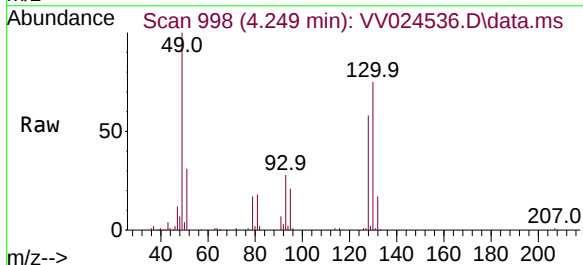
Instrument :
MSVOA_V
ClientSampleId :

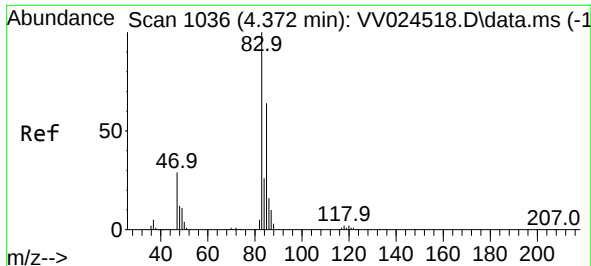
Tgt Ion: 43 Resp: 185984
Ion Ratio Lower Upper
43 100
72 21.1 12.9 38.7



#23
Bromochloromethane
Concen: 52.497 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

Tgt Ion: 128 Resp: 60297
Ion Ratio Lower Upper
128 100
49 171.5 120.1 223.1
130 128.3 88.8 164.8
51 53.7 42.6 63.8

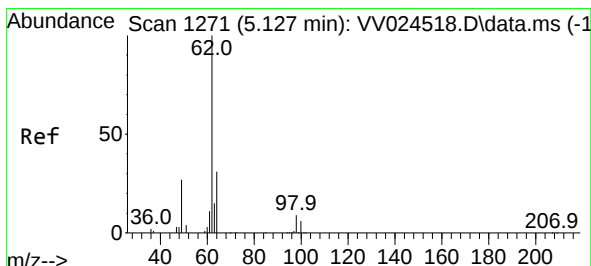
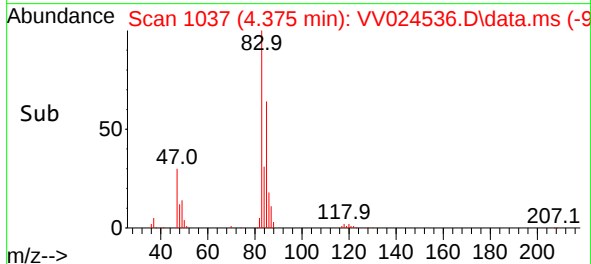
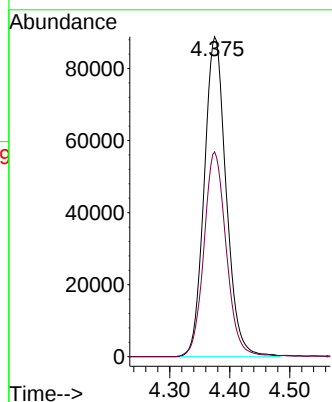
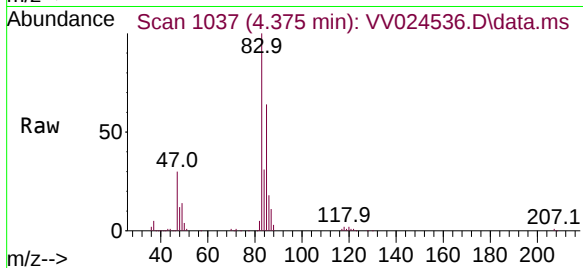




#25
Chloroform
Concen: 53.020 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

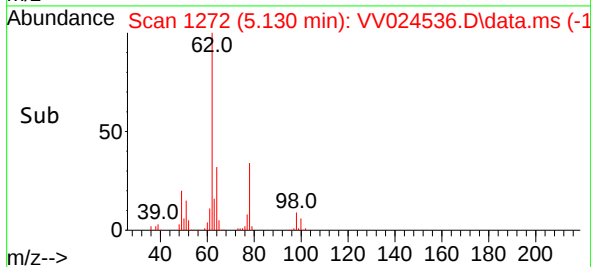
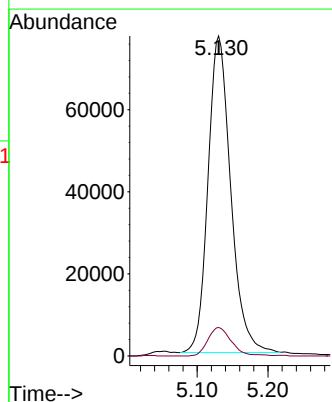
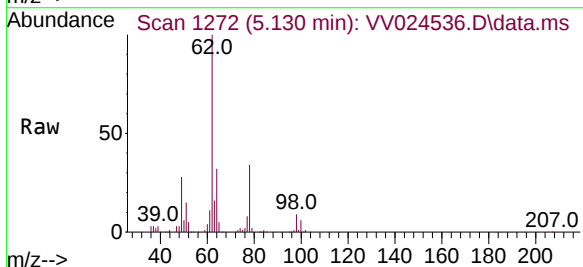
Instrument :
MSVOA_V
ClientSampleId :

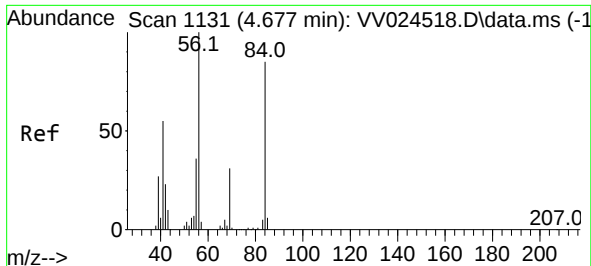
Tgt Ion: 83 Resp: 226111
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.4



#27
1,2-Dichloroethane
Concen: 51.541 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

Tgt Ion: 62 Resp: 172295
Ion Ratio Lower Upper
62 100
98 8.9 7.5 11.3





#29

Cyclohexane

Concen: 51.074 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

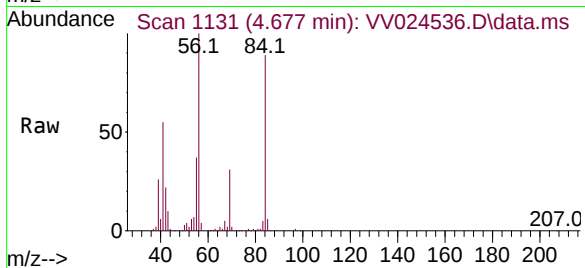
Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

Instrument :

MSVOA_V

ClientSampleId :



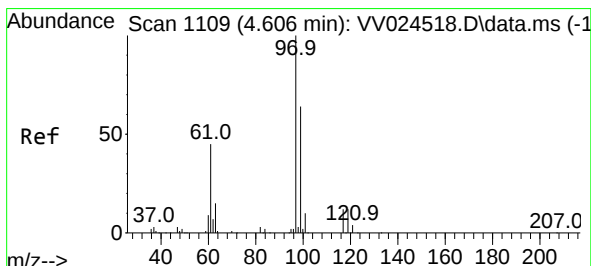
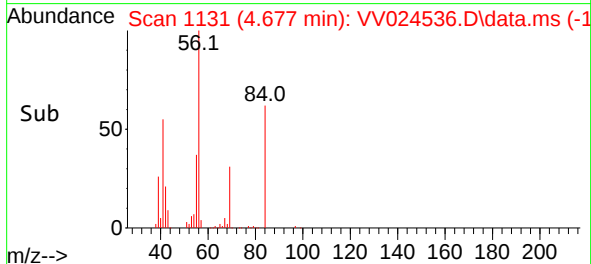
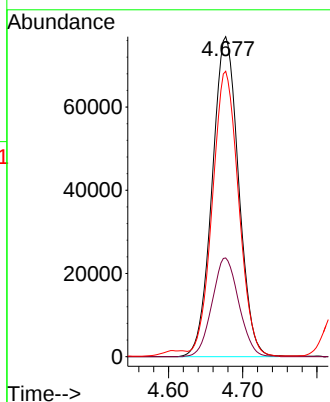
Tgt Ion: 56 Resp: 190452

Ion Ratio Lower Upper

56 100

69 31.2 24.7 37.1

84 88.1 70.2 105.4



#30

1,1,1-Trichloroethane

Concen: 52.364 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

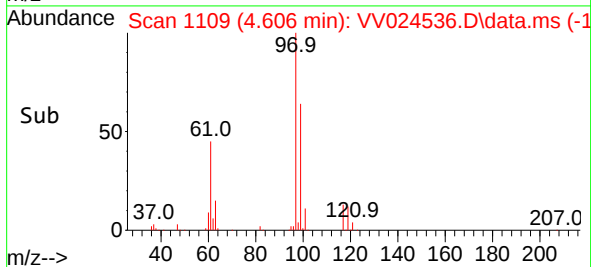
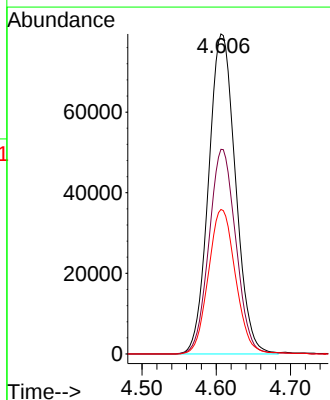
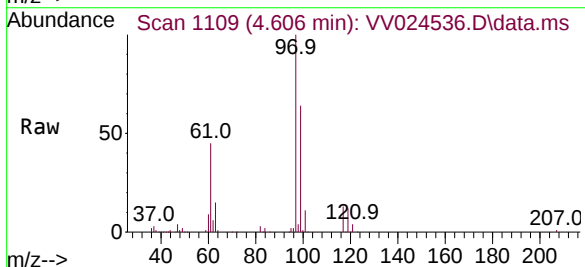
Tgt Ion: 97 Resp: 200041

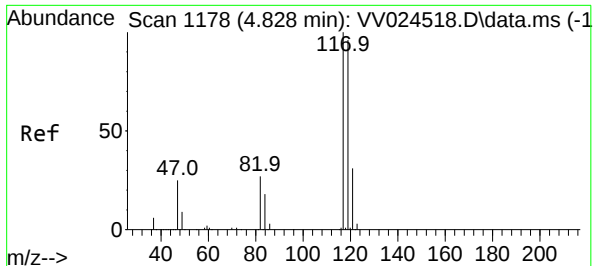
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

61 45.4 35.9 53.9

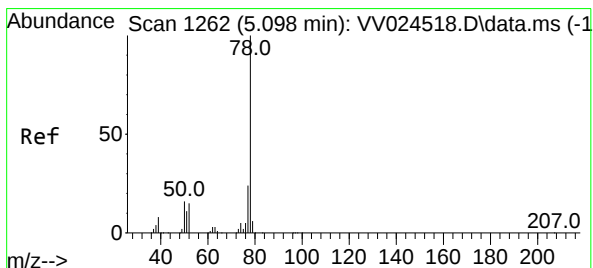
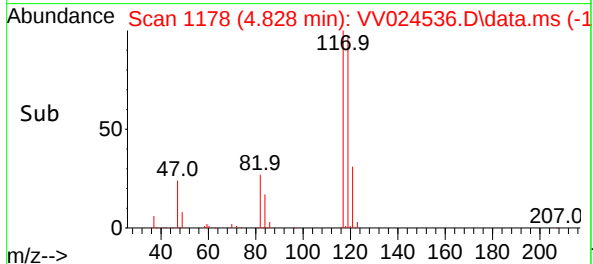
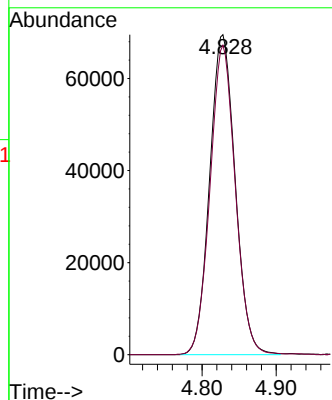
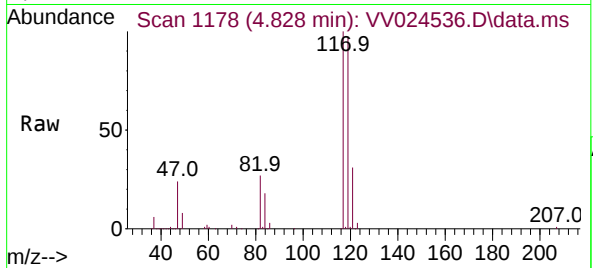




#31
Carbon tetrachloride
Concen: 52.587 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

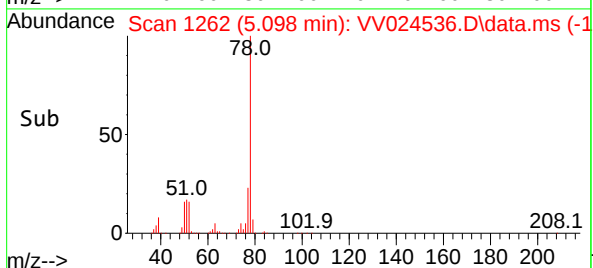
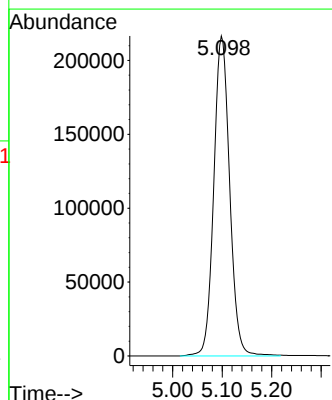
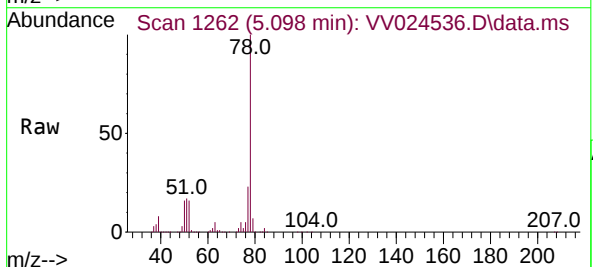
Instrument :
MSVOA_V
ClientSampleId :

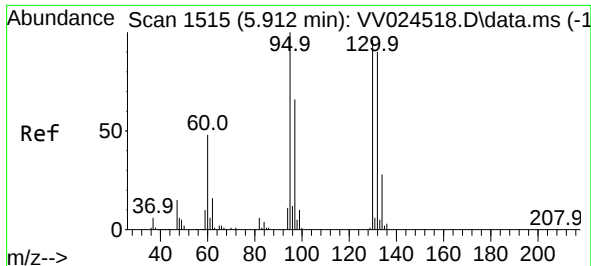
Tgt Ion:117 Resp: 165904
Ion Ratio Lower Upper
117 100
119 95.8 76.7 115.1



#33
Benzene
Concen: 53.063 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

Tgt Ion: 78 Resp: 482338





#34

Trichloroethene

Concen: 51.798 ug/L

RT: 5.912 min Scan# 1

Delta R.T. -0.000 min

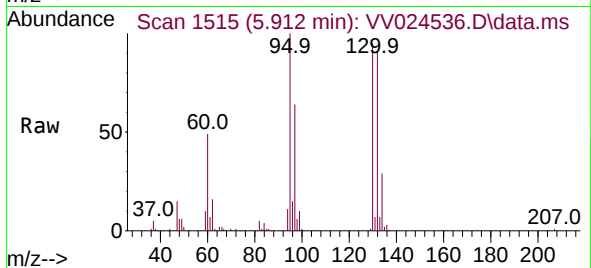
Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 132658

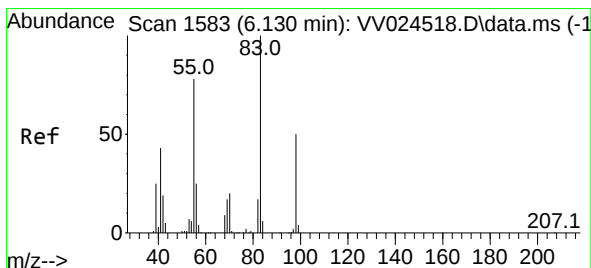
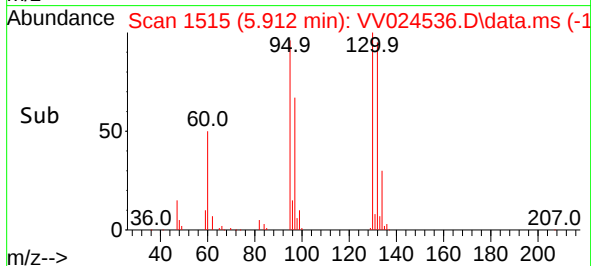
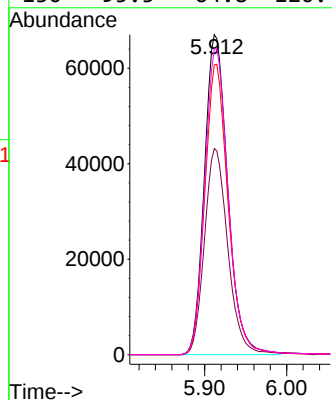
Ion Ratio Lower Upper

95 100

97 64.4 44.1 81.9

132 90.6 62.4 116.0

130 95.5 64.8 120.4



#35

Methylcyclohexane

Concen: 50.995 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

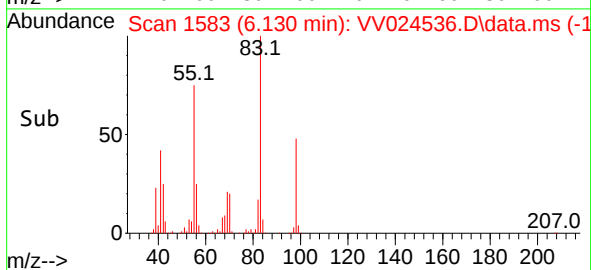
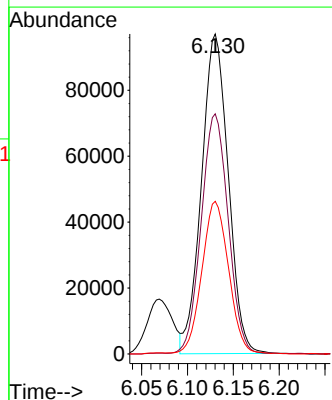
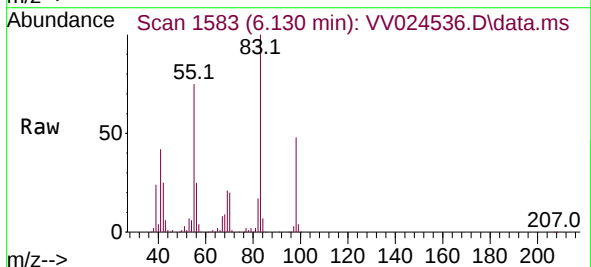
Tgt Ion: 83 Resp: 197058

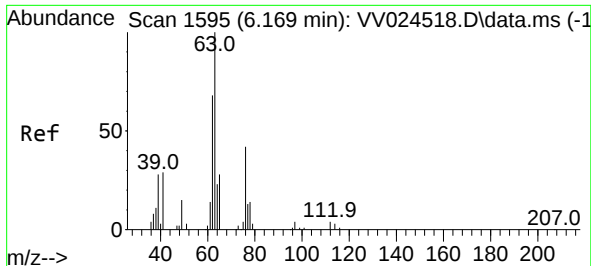
Ion Ratio Lower Upper

83 100

55 75.6 60.9 91.3

98 47.7 39.2 58.8





#37

1,2-Dichloropropane

Concen: 51.389 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

Instrument :

MSVOA_V

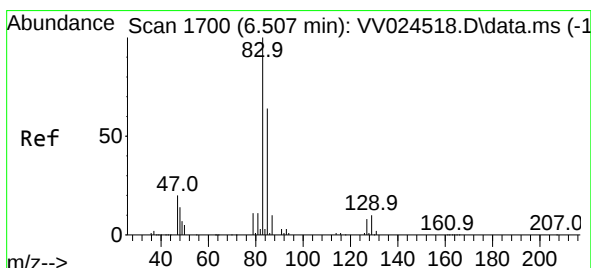
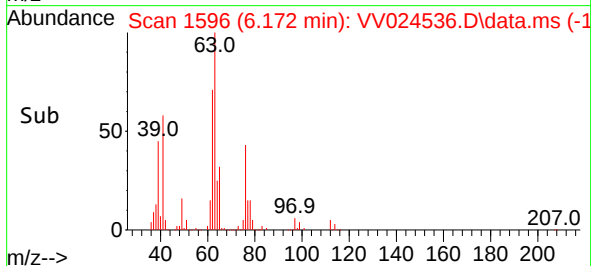
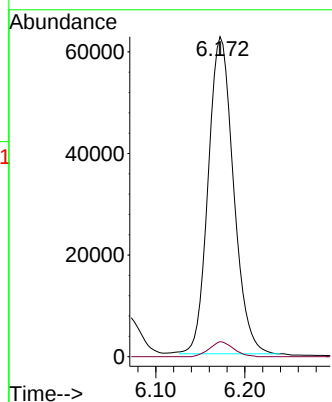
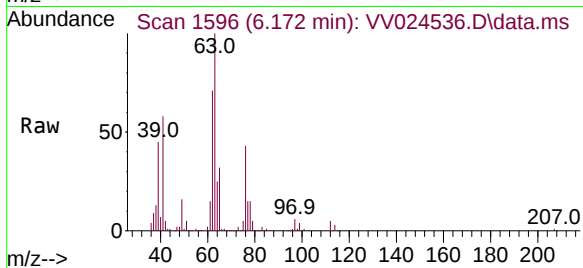
ClientSampleId :

Tgt Ion: 63 Resp: 123170

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 52.148 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

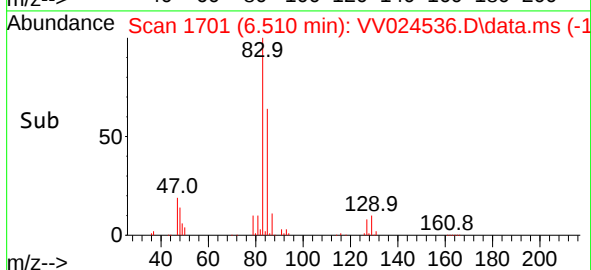
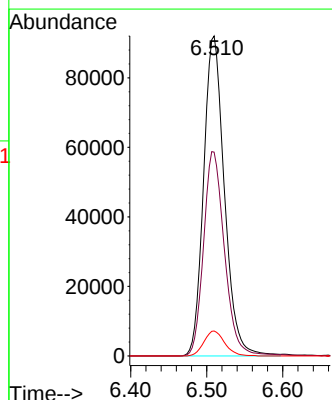
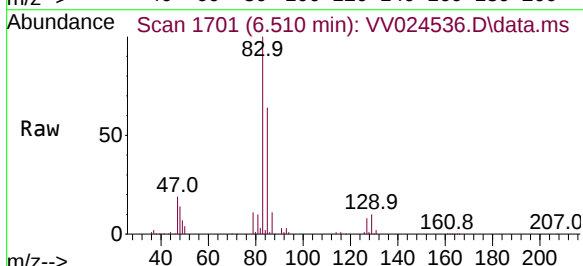
Tgt Ion: 83 Resp: 175233

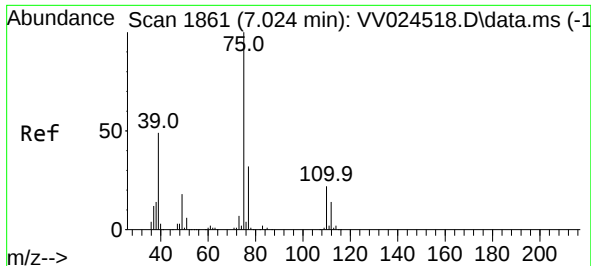
Ion Ratio Lower Upper

83 100

85 63.7 44.2 82.2

127 7.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 51.896 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

Instrument :

MSVOA_V

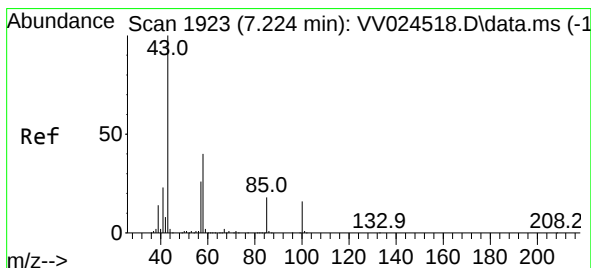
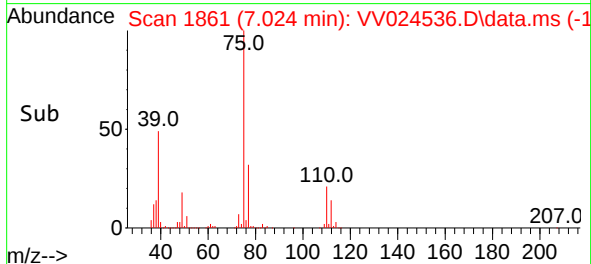
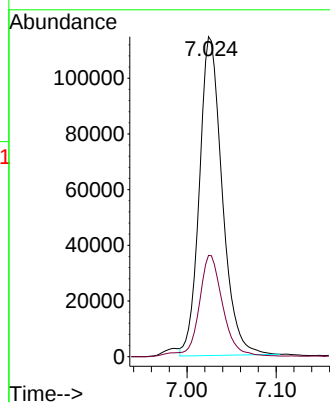
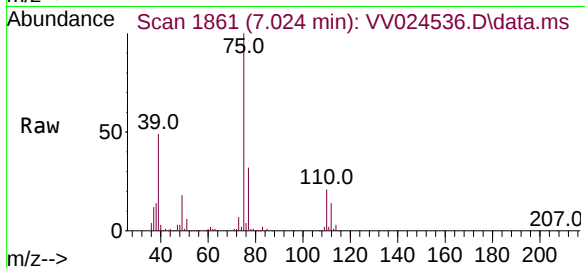
ClientSampleId :

Tgt Ion: 75 Resp: 204166

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 113.244 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

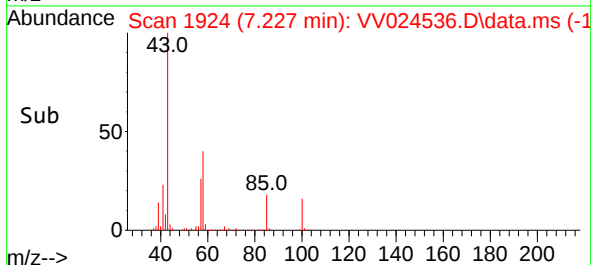
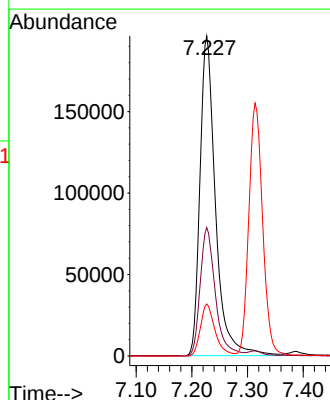
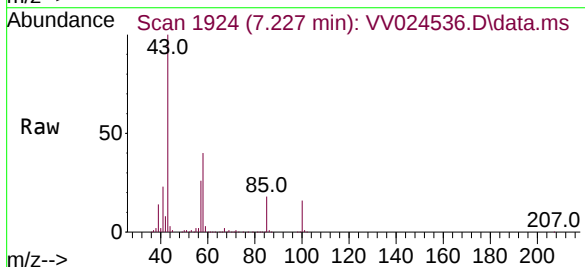
Tgt Ion: 43 Resp: 380154

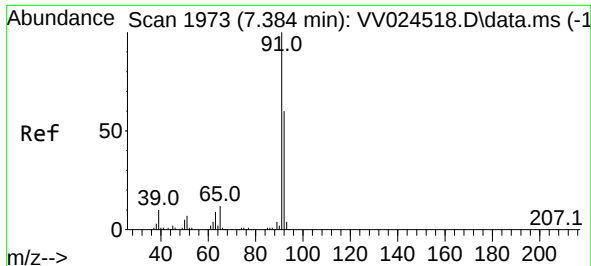
Ion Ratio Lower Upper

43 100

58 39.4 32.5 48.7

100 15.3 12.7 19.1

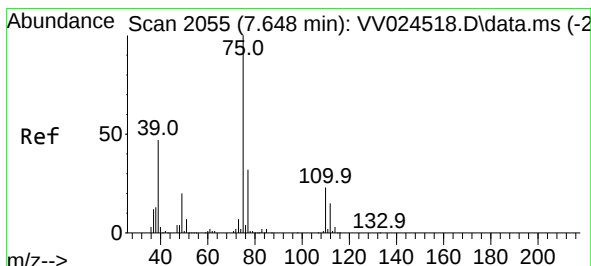
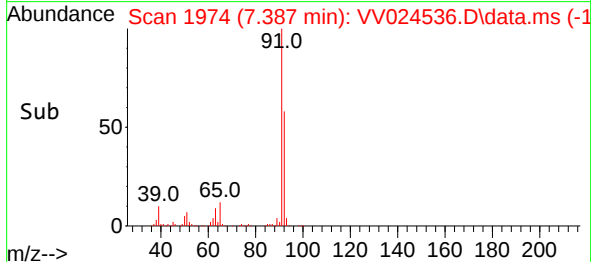
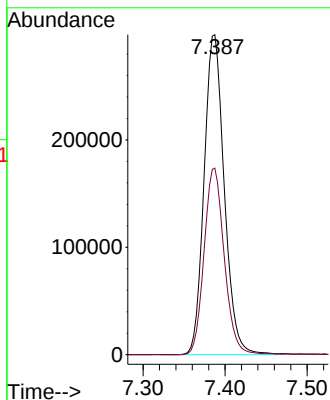
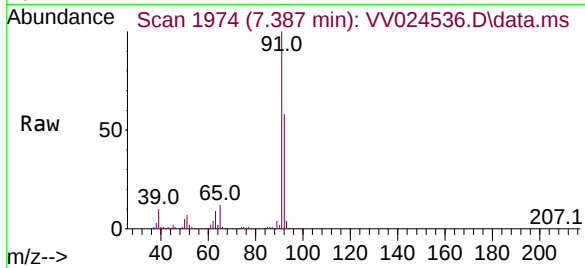




#42
Toluene
Concen: 52.476 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

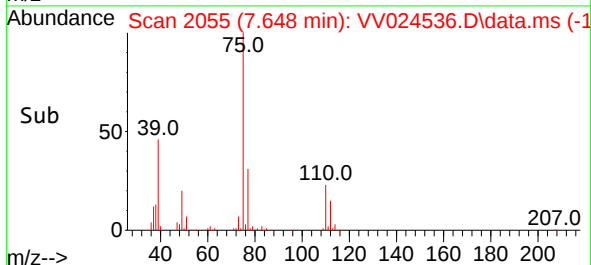
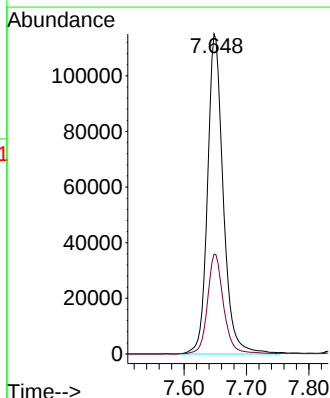
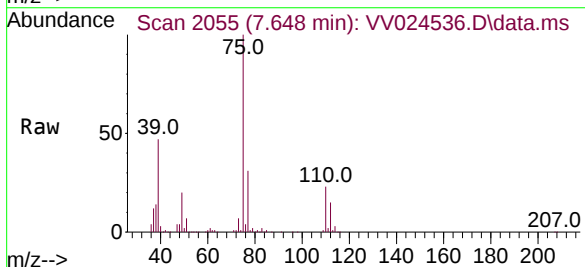
Instrument :
MSVOA_V
ClientSampleId :

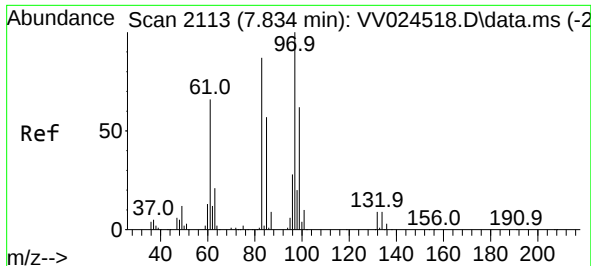
Tgt Ion: 91 Resp: 511028
Ion Ratio Lower Upper
91 100
92 58.3 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 52.769 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

Tgt Ion: 75 Resp: 201613
Ion Ratio Lower Upper
75 100
77 31.2 22.7 42.1

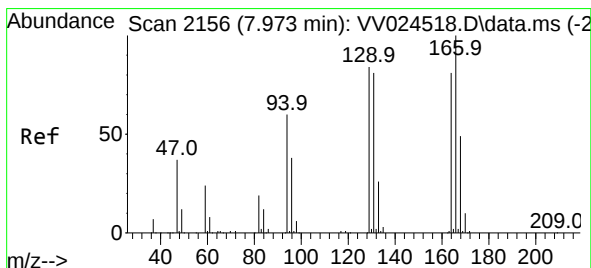
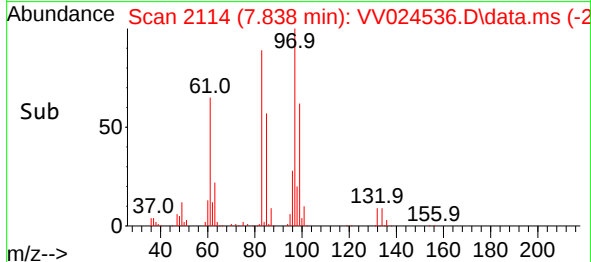
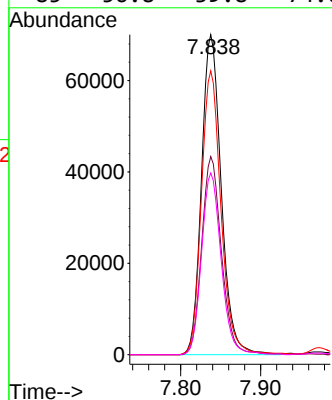
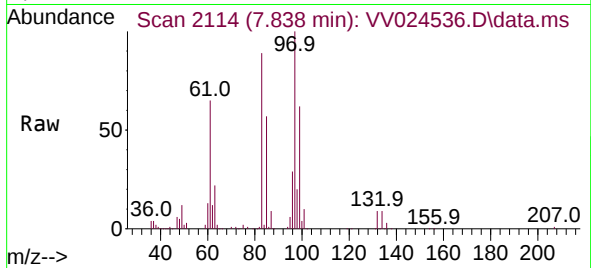




#45
1,1,2-Trichloroethane
Concen: 52.573 ug/L
RT: 7.838 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

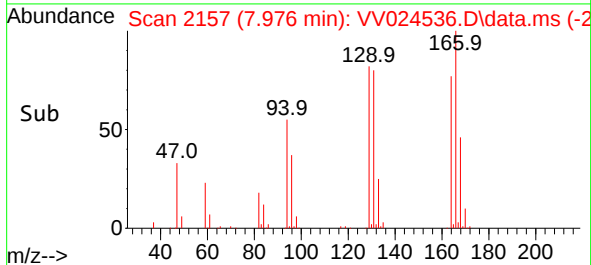
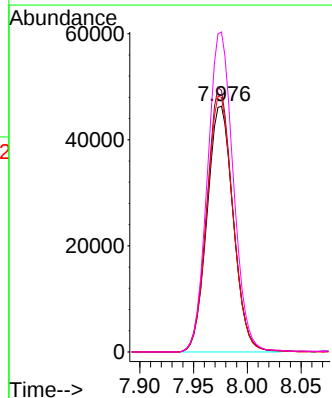
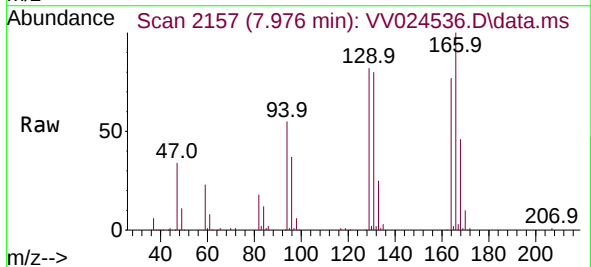
Instrument :
MSVOA_V
ClientSampleId :

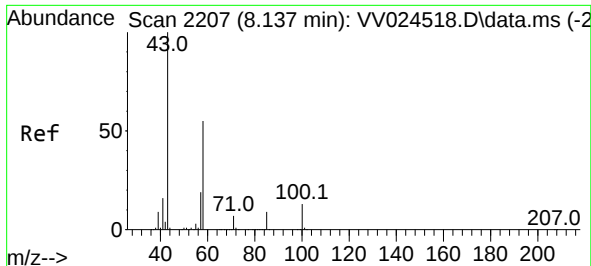
Tgt Ion:	97	Resp:	120466
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.8	81.4
83	88.7	61.7	114.7
85	56.8	39.8	74.0



#46
Tetrachloroethene
Concen: 51.670 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

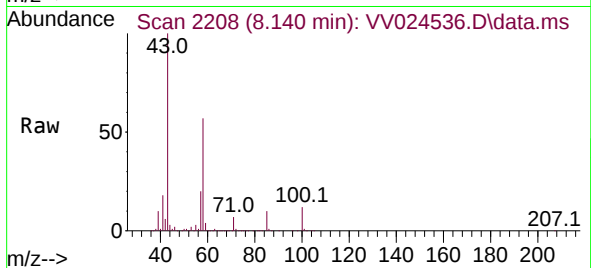
Tgt Ion:	164	Resp:	78620
Ion	Ratio	Lower	Upper
164	100		
129	106.4	74.8	138.8
131	103.6	70.8	131.6
166	130.2	87.6	162.6



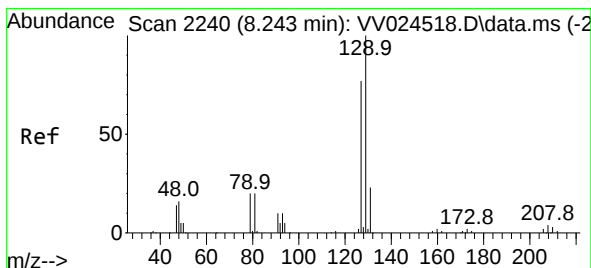
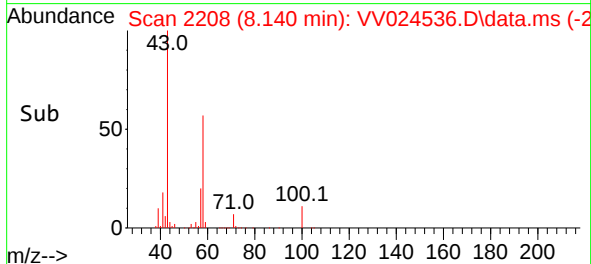
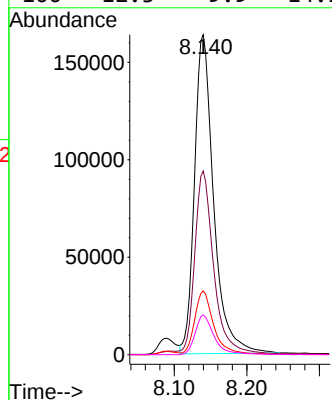


#48
2-Hexanone
Concen: 105.436 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

Instrument :
MSVOA_V
ClientSampleId :

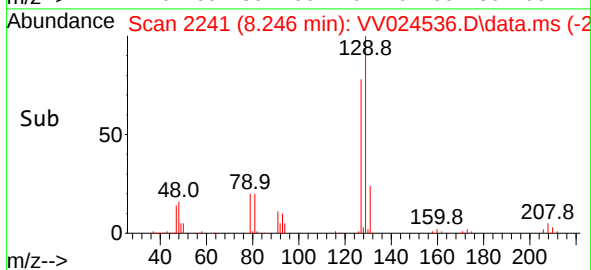
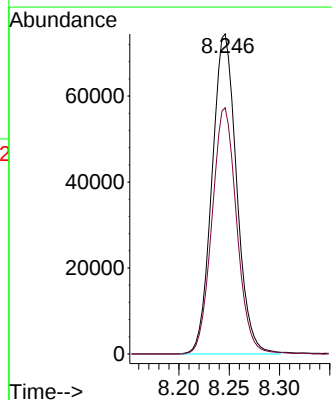
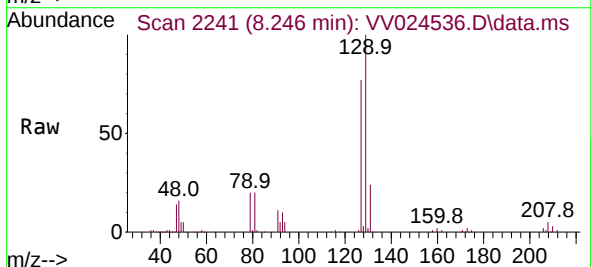


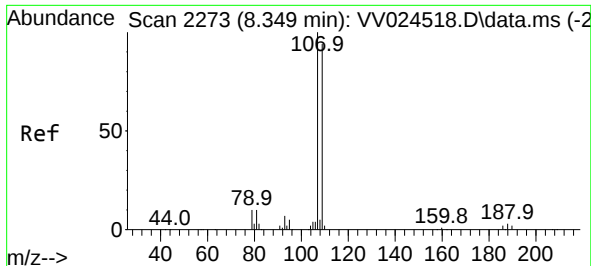
Tgt Ion: 43 Resp: 301038
Ion Ratio Lower Upper
43 100
58 56.7 44.8 67.2
57 20.1 15.1 22.7
100 12.3 9.9 14.9



#49
Dibromochloromethane
Concen: 52.467 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

Tgt Ion: 129 Resp: 126895
Ion Ratio Lower Upper
129 100
127 77.0 53.6 99.6





#50

1,2-Dibromoethane

Concen: 53.706 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

Instrument :

MSVOA_V

ClientSampleId :

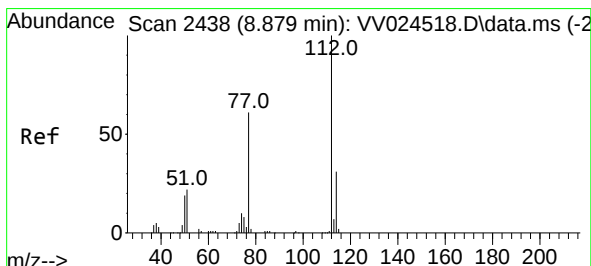
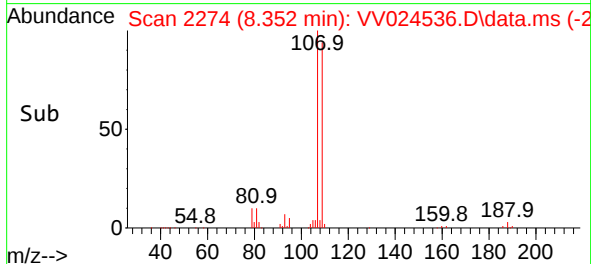
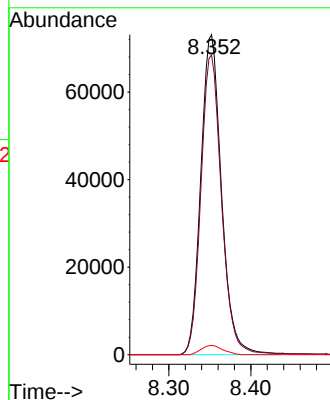
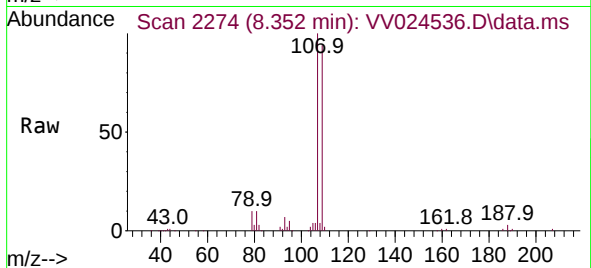
Tgt Ion:107 Resp: 127970

Ion Ratio Lower Upper

107 100

109 93.7 65.4 121.4

188 2.9 2.6 3.8



#51

Chlorobenzene

Concen: 52.250 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

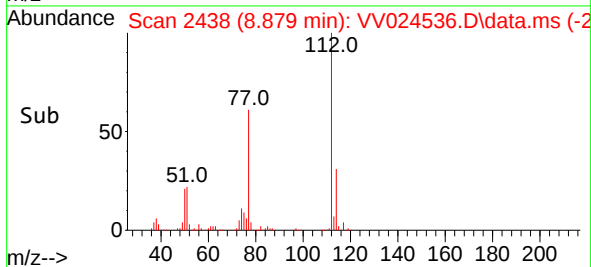
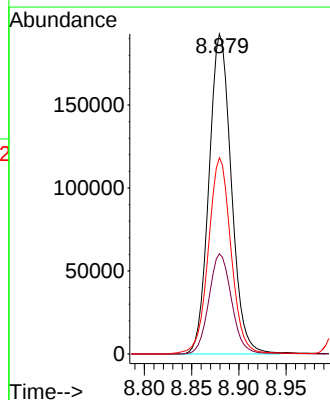
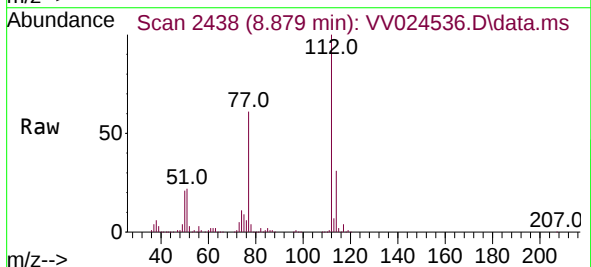
Tgt Ion:112 Resp: 317546

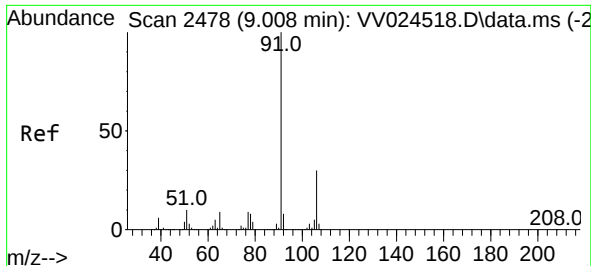
Ion Ratio Lower Upper

112 100

114 31.3 22.7 42.1

77 61.3 49.9 74.9





#52

Ethylbenzene

Concen: 51.935 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

Instrument :

MSVOA_V

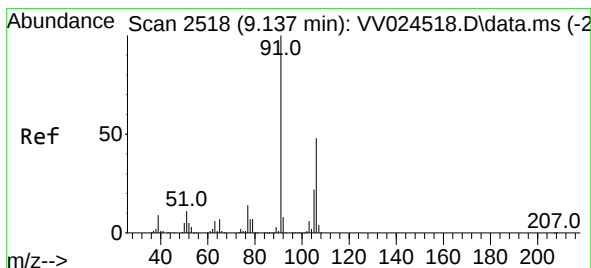
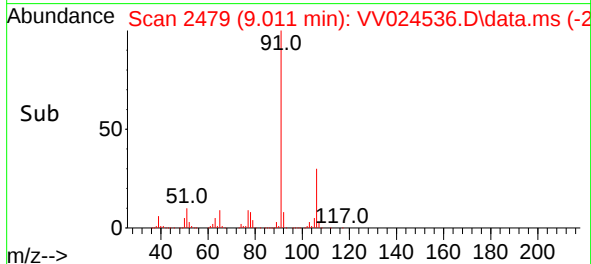
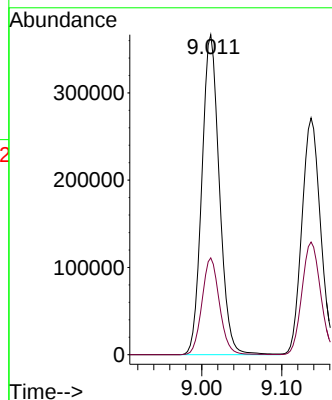
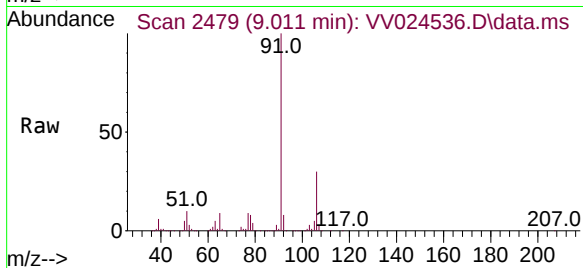
ClientSampleId :

Tgt Ion: 91 Resp: 559699

Ion Ratio Lower Upper

91 100

106 30.2 20.6 38.2



#53

m,p-Xylene

Concen: 51.979 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024536.D

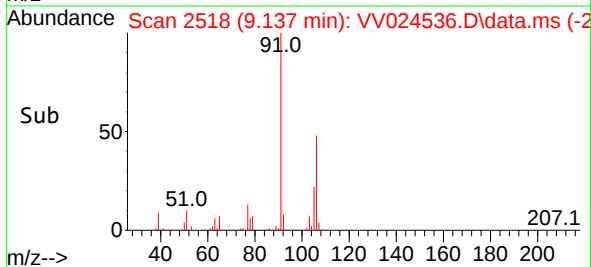
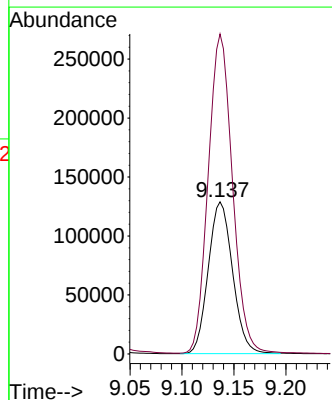
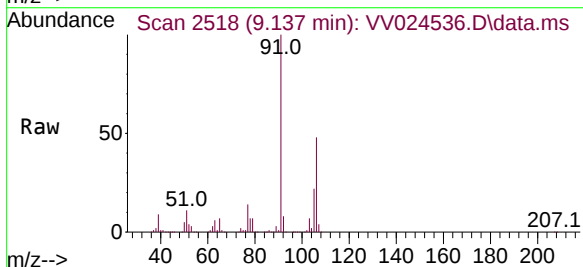
Acq: 02 Feb 2022 19:44

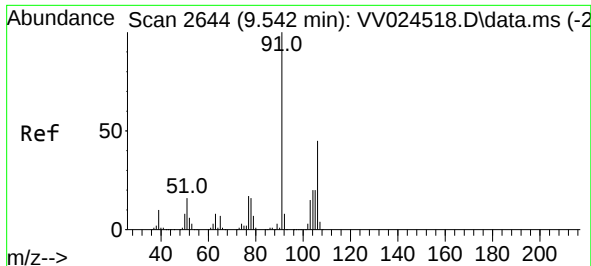
Tgt Ion:106 Resp: 209607

Ion Ratio Lower Upper

106 100

91 210.2 144.6 268.6

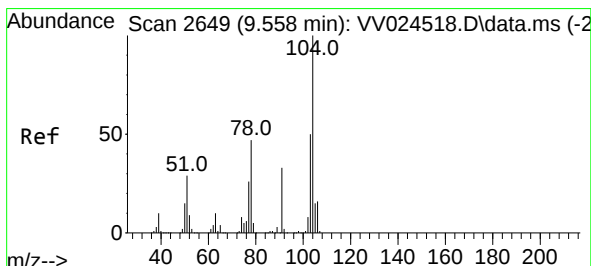
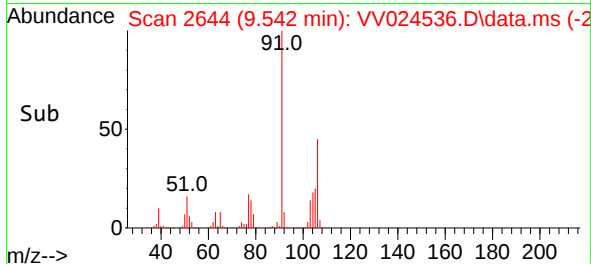
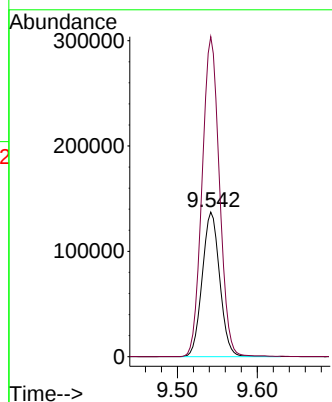
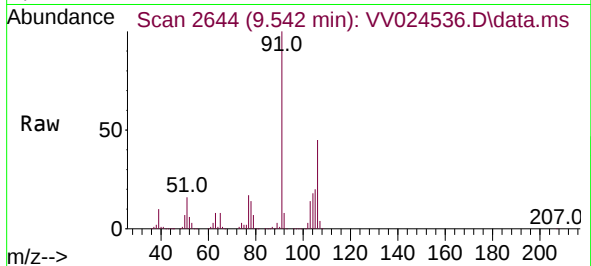




#54
o-Xylene
Concen: 51.996 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

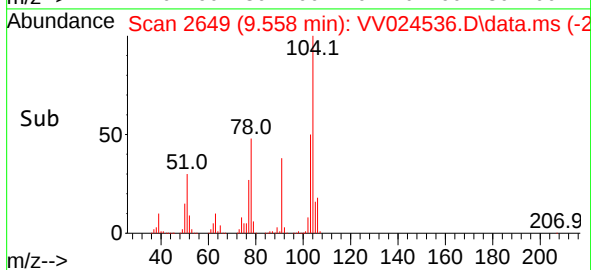
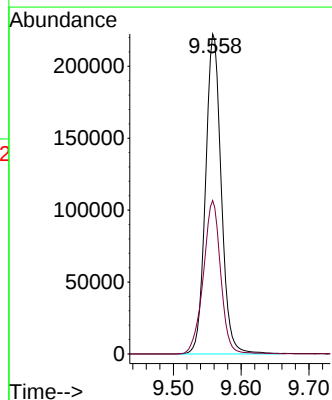
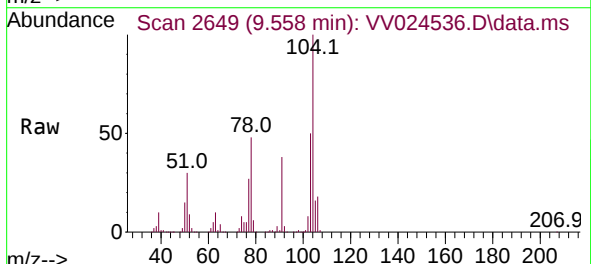
Instrument :
MSVOA_V
ClientSampleId :

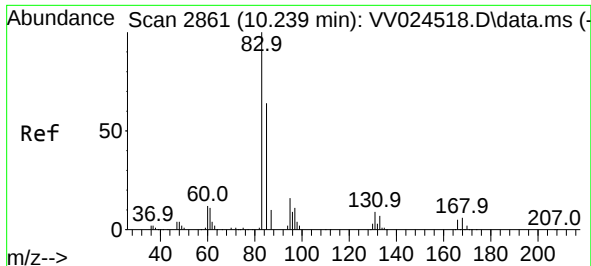
Tgt Ion:106 Resp: 209395
Ion Ratio Lower Upper
106 100
91 221.3 155.4 288.6



#55
Styrene
Concen: 52.507 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

Tgt Ion:104 Resp: 357986
Ion Ratio Lower Upper
104 100
78 48.0 32.9 61.1

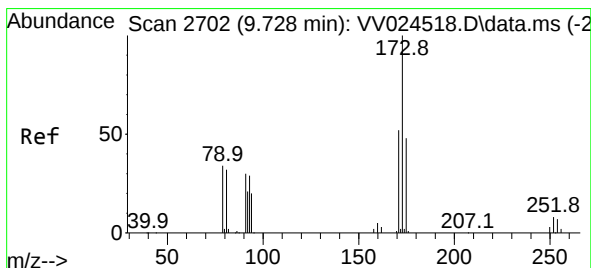
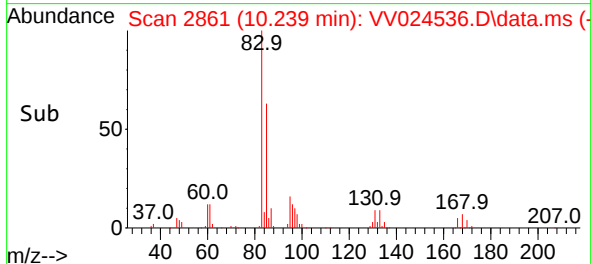
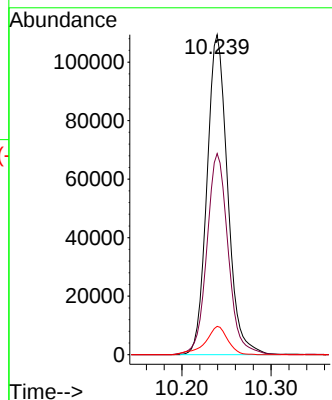
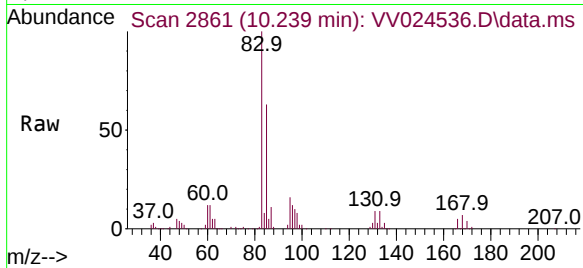




#57
1,1,2,2-Tetrachloroethane
Concen: 53.456 ug/L
RT: 10.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

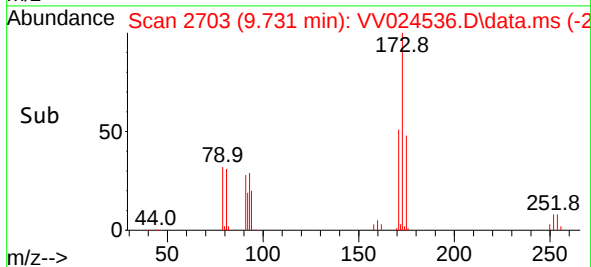
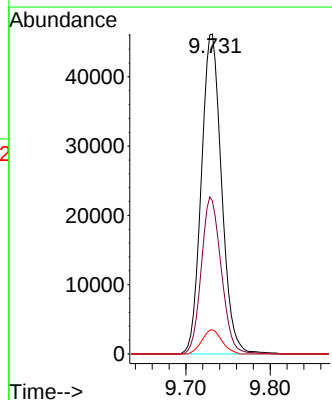
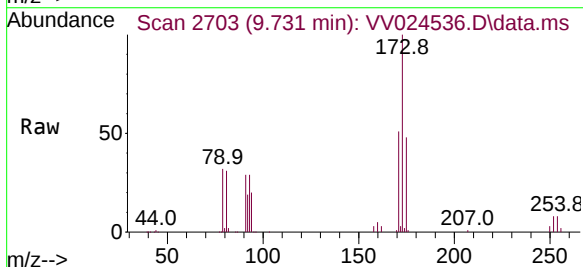
Instrument :
MSVOA_V
ClientSampleId :

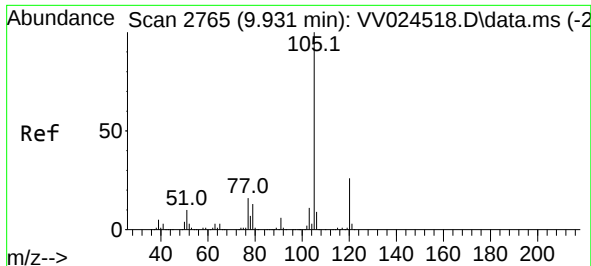
Tgt Ion: 83 Resp: 175400
Ion Ratio Lower Upper
83 100
85 62.9 45.6 84.6
131 8.8 7.1 10.7



#59
Bromoform
Concen: 54.150 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

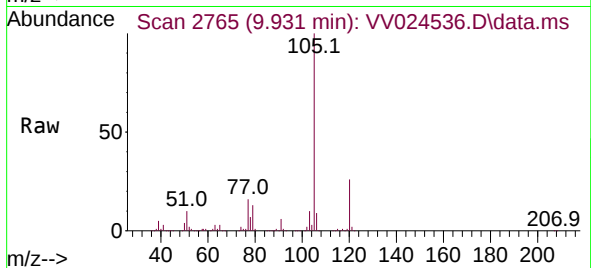
Tgt Ion: 173 Resp: 77360
Ion Ratio Lower Upper
173 100
175 48.2 38.6 57.8
254 7.5 5.8 8.8



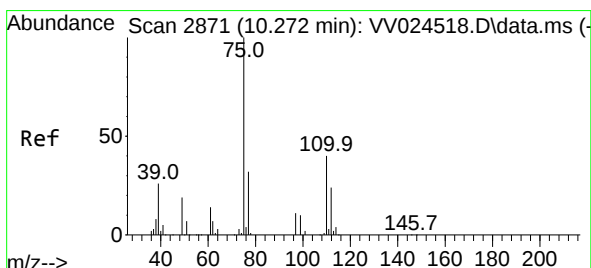
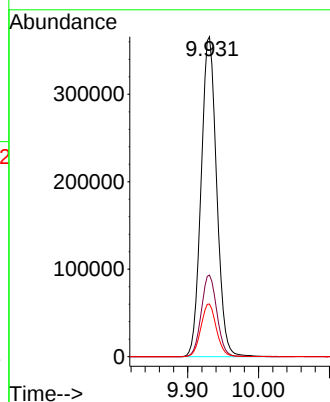
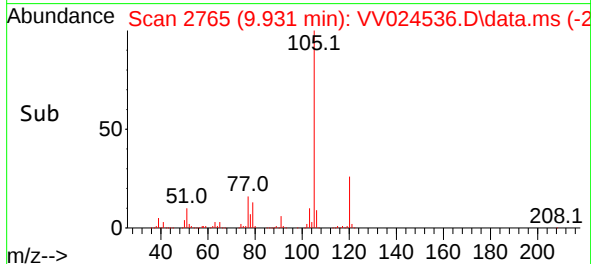


#60
Isopropylbenzene
Concen: 52.704 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

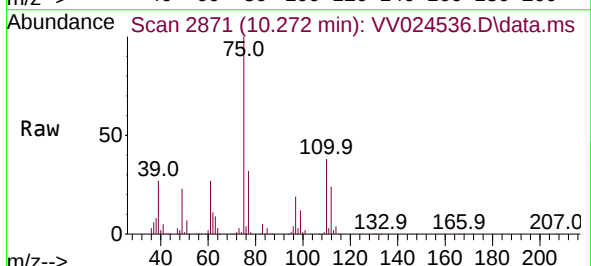
Instrument :
MSVOA_V
ClientSampleId :



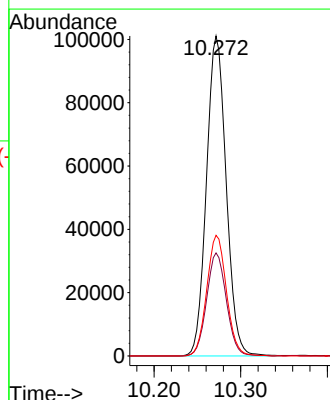
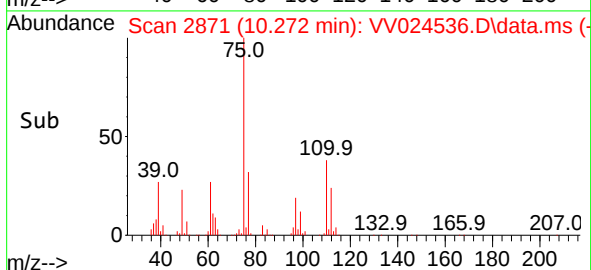
Tgt Ion:105 Resp: 557097
Ion Ratio Lower Upper
105 100
120 25.7 20.4 30.6
77 16.5 13.1 19.7

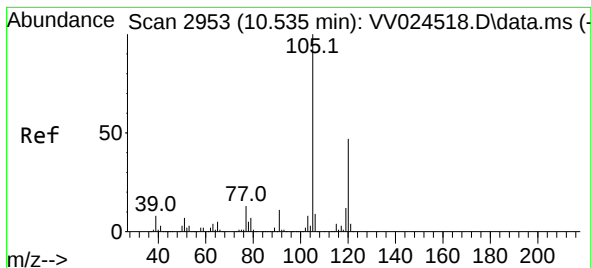


#61
1,2,3-Trichloropropane
Concen: 54.400 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44



Tgt Ion: 75 Resp: 159846
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 37.7 30.9 46.3





#62

1,3,5-Trimethylbenzene

Concen: 52.460 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

Instrument :

MSVOA_V

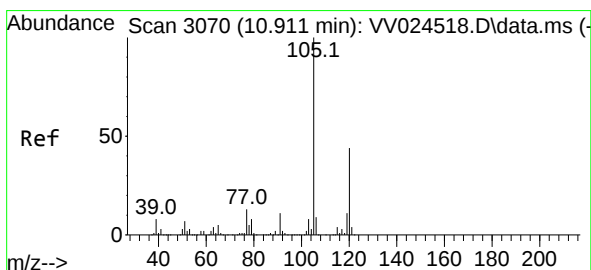
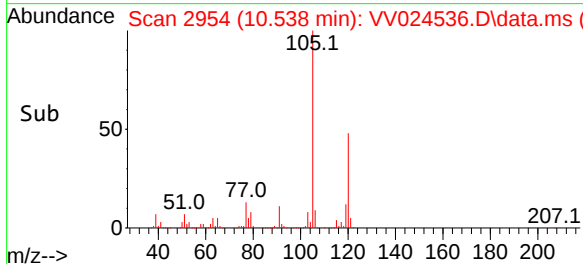
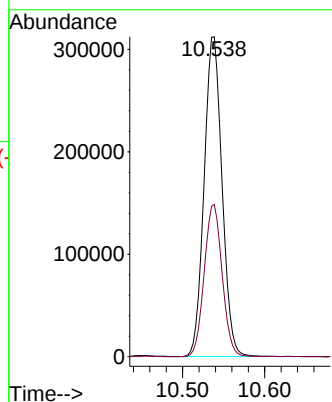
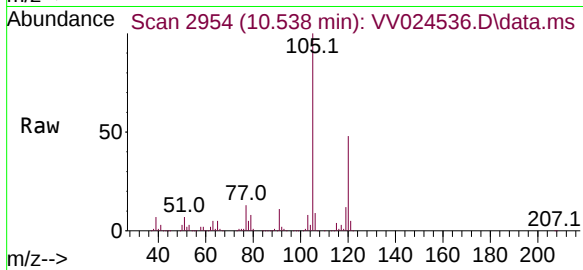
ClientSampleId :

Tgt Ion:105 Resp: 473524

Ion Ratio Lower Upper

105 100

120 47.6 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 52.581 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024536.D

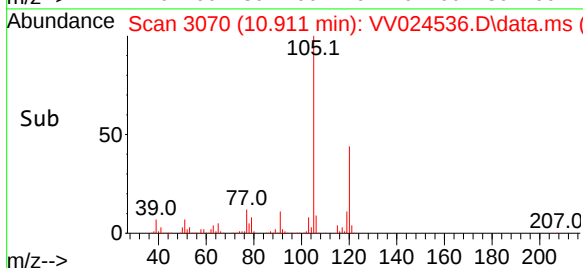
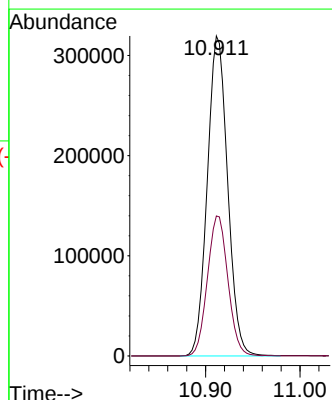
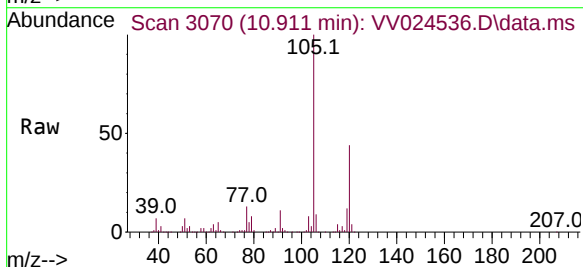
Acq: 02 Feb 2022 19:44

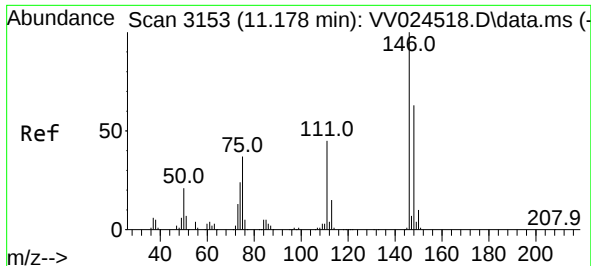
Tgt Ion:105 Resp: 477660

Ion Ratio Lower Upper

105 100

120 44.1 34.9 52.3

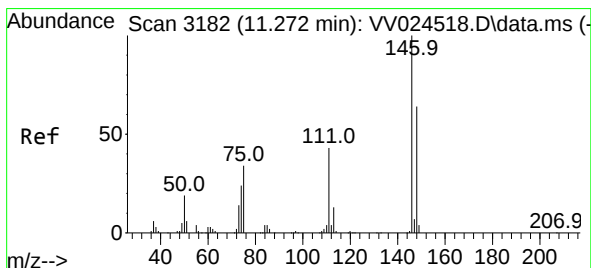
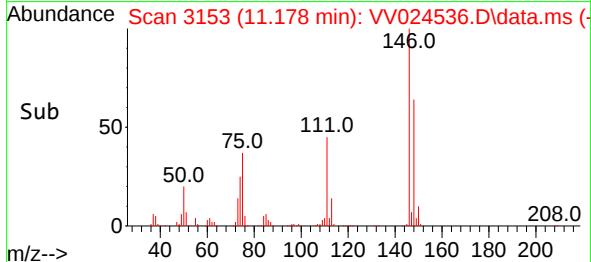
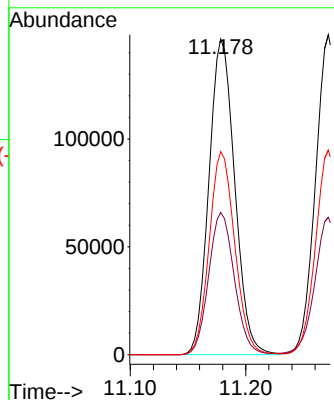
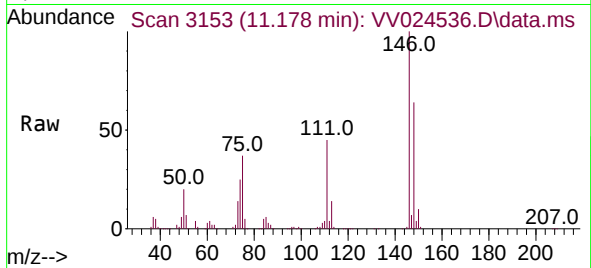




#64
1,3-Dichlorobenzene
Concen: 52.516 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

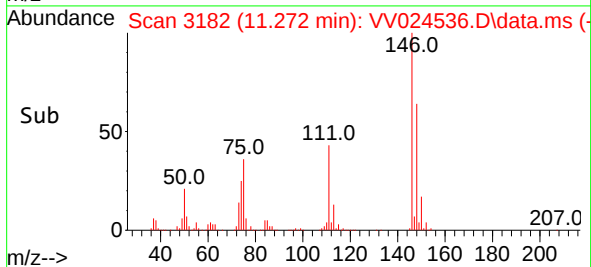
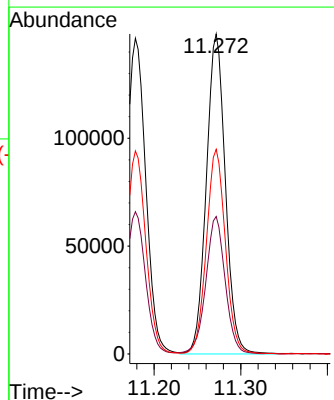
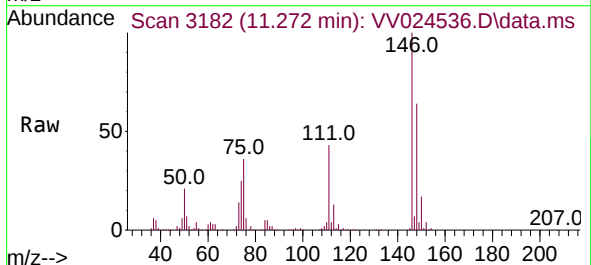
Instrument :
MSVOA_V
ClientSampleId :

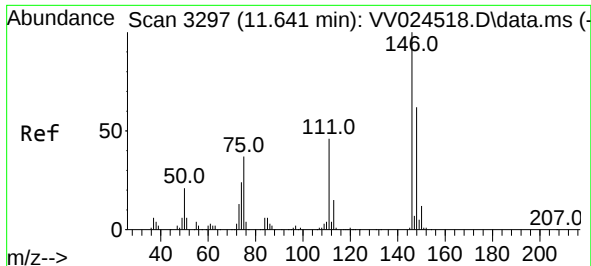
Tgt Ion:146 Resp: 226997
Ion Ratio Lower Upper
146 100
111 45.0 31.0 57.6
148 64.3 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 51.828 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

Tgt Ion:146 Resp: 226903
Ion Ratio Lower Upper
146 100
111 42.9 29.7 55.1
148 64.0 44.2 82.2

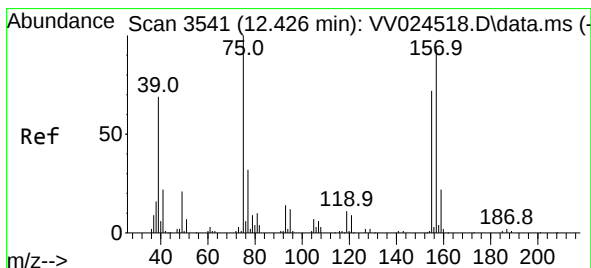
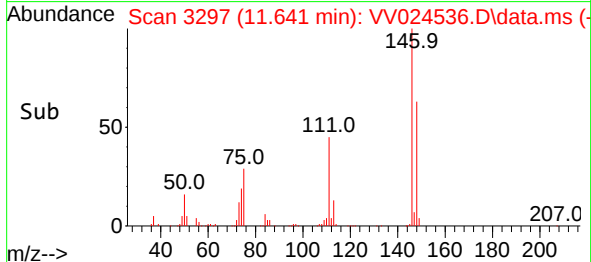
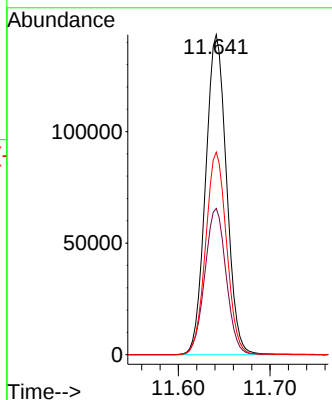
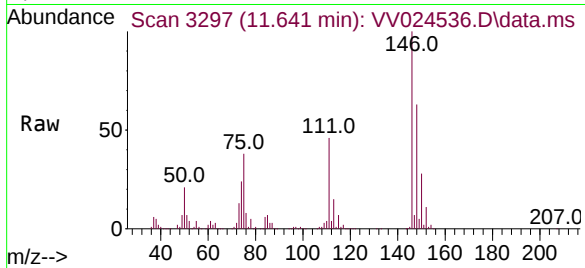




#67
1,2-Dichlorobenzene
Concen: 52.599 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

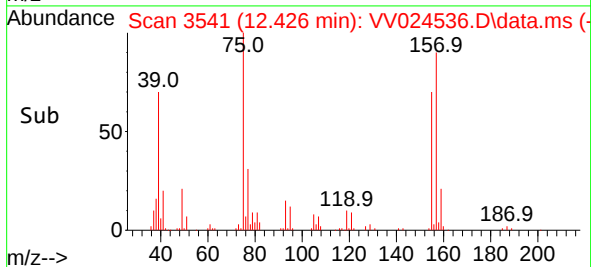
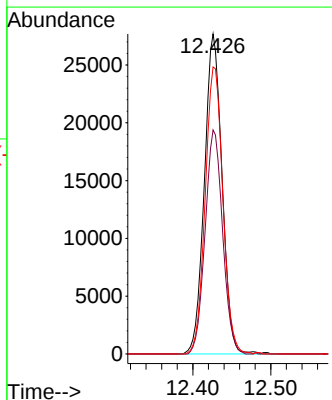
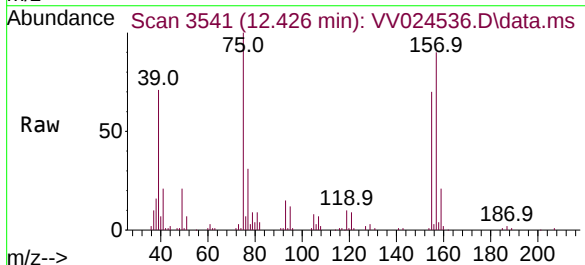
Instrument :
MSVOA_V
ClientSampleId :

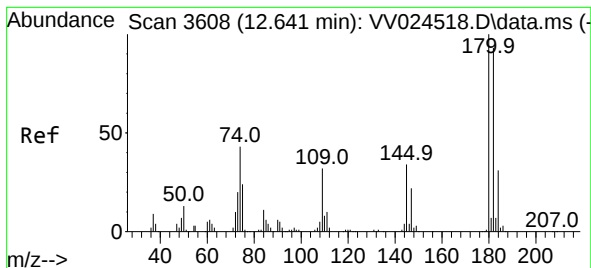
Tgt Ion:146 Resp: 227289
Ion Ratio Lower Upper
146 100
111 45.7 37.0 55.6
148 63.3 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 56.320 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

Tgt Ion: 75 Resp: 43613
Ion Ratio Lower Upper
75 100
155 70.0 60.2 90.4
157 89.7 75.6 113.4





#69

1,3,5-Trichlorobenzene

Concen: 52.372 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

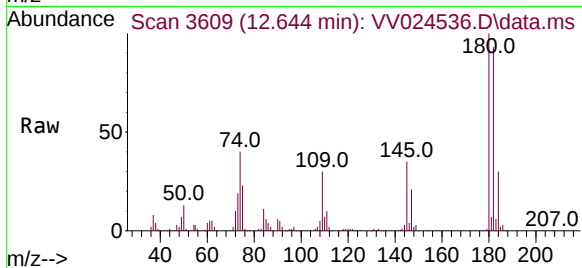
Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 150124

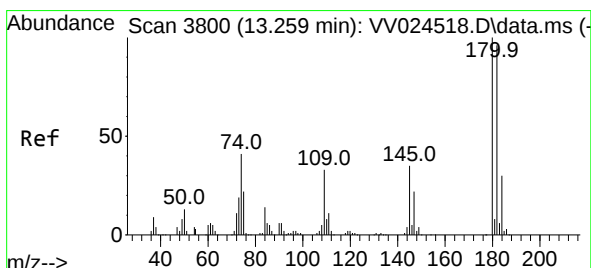
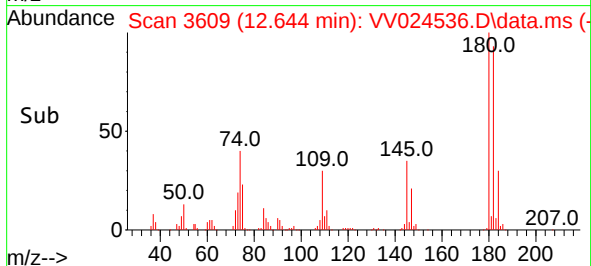
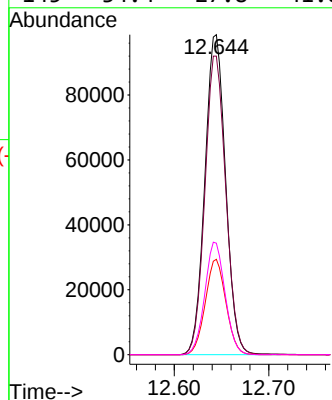
Ion Ratio Lower Upper

180 100

182 94.2 75.8 113.8

184 29.7 23.8 35.8

145 34.4 27.8 41.8



#70

1,2,4-trichlorobenzene

Concen: 53.687 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV024536.D

Acq: 02 Feb 2022 19:44

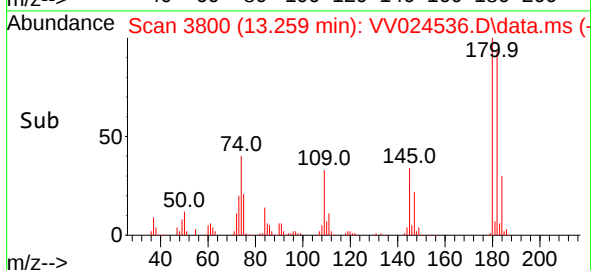
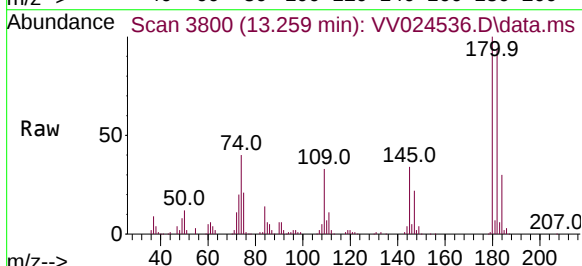
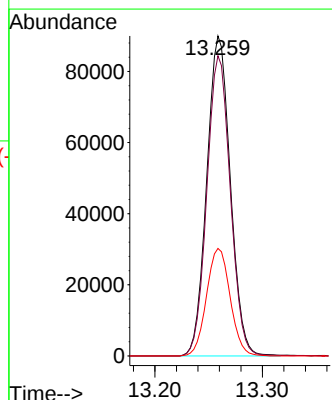
Tgt Ion:180 Resp: 137121

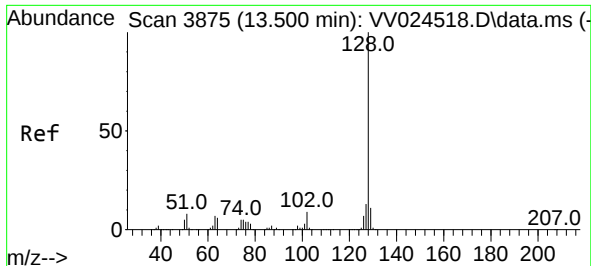
Ion Ratio Lower Upper

180 100

182 93.1 76.3 114.5

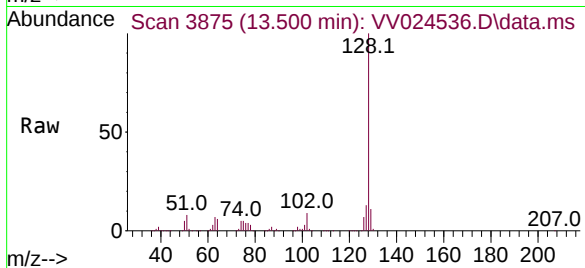
145 33.7 28.5 42.7



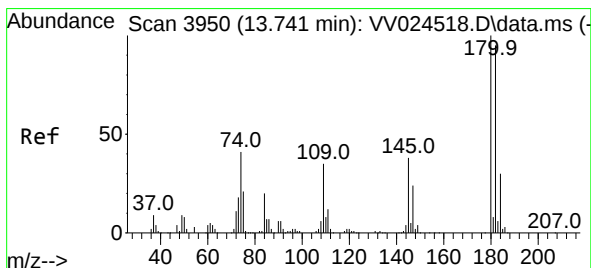
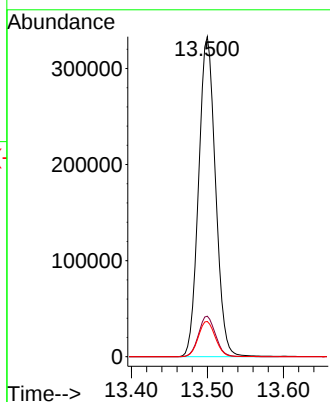
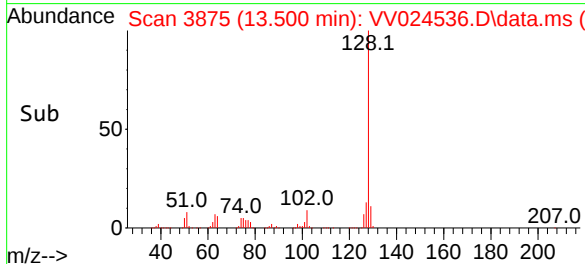


#71
Naphthalene
Concen: 54.857 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44

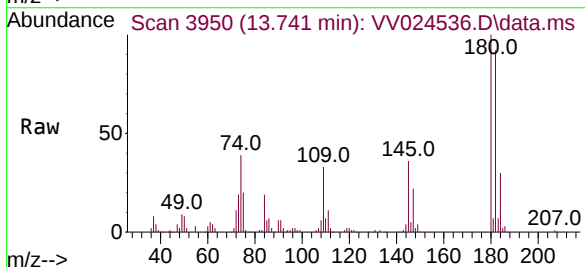
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 513658
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.2 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 54.915 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024536.D
Acq: 02 Feb 2022 19:44



Tgt Ion:180 Resp: 137006
Ion Ratio Lower Upper
180 100
182 93.7 75.4 113.2
145 37.0 30.1 45.1

